

Water Resources Survey

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Part II:

MAPS SHOWING IRRIGATED AREAS IN COLORS
DESIGNATING THE SOURCES OF SUPPLY

Big Horn County, Montana

Published by

STATE ENGINEER AND STATE
WATER CONSERVATION BOARD

Helena, Montana, May, 1947



WATER RESOURCES SURVEY

Big Horn County, Montana

Part II

Maps Showing Irrigated Areas

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and

STATE WATER CONSERVATION BOARD

HELENA, MONTANA

MAY, 1947

STATE ENGINEER'S OFFICE

State Engineer	-	-	-	-	-	-	-	-	-	Fred E. Buck
Assistant	-	-	-	-	-	-	-	-	-	Gerald J. Oravetz

STATE WATER CONSERVATION BOARD

Governor Sam C. Ford	-	-	-	-	-	-	-	-	-	Chairman
O. S. Warden	-	-	-	-	-	-	-	-	-	Vice-Chairman
D. P. Fabrick	-	-	-	-	-	-	-	-	-	Member
C. H. Raymond	-	-	-	-	-	-	-	-	-	Member
Fred E. Buck	-	-	-	-	-	-	-	-	-	Member and Chief Engineer
R. J. Kelly	-	-	-	-	-	-	-	-	-	Assistant Secretary

MONTANA STATE AGRICULTURAL EXPERIMENT STATION

O. W. Monson	-	-	-	-	-	-	-	-	-	Irrigation Engineer and Consultant
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May, 1947

Hon. Sam C. Ford
Capitol Building
Helena, Montana

Dear Governor Ford:

Submitted herewith is a consolidated report on the water resources survey of Big Horn County, Montana. This work is being carried on by funds made available to the State Engineer and the State Water Conservation Board by the 29th Legislative Session, 1945.

The report is divided into two booklets—part one consisting of the history of land and water use, irrigated lands, water rights, etc., while part two contains all of the township maps showing in color the lands irrigated from each canal.

The office files contain minute descriptions and details of each individual water right, water and land use, etc., which are too voluminous to be included herein. These office files are available for inspection to those who are interested.

Mr. Gerald J. Oravetz, Assistant State Engineer, has directed the detail office and field work of this project and is entitled to much credit for the excellent accomplishment.

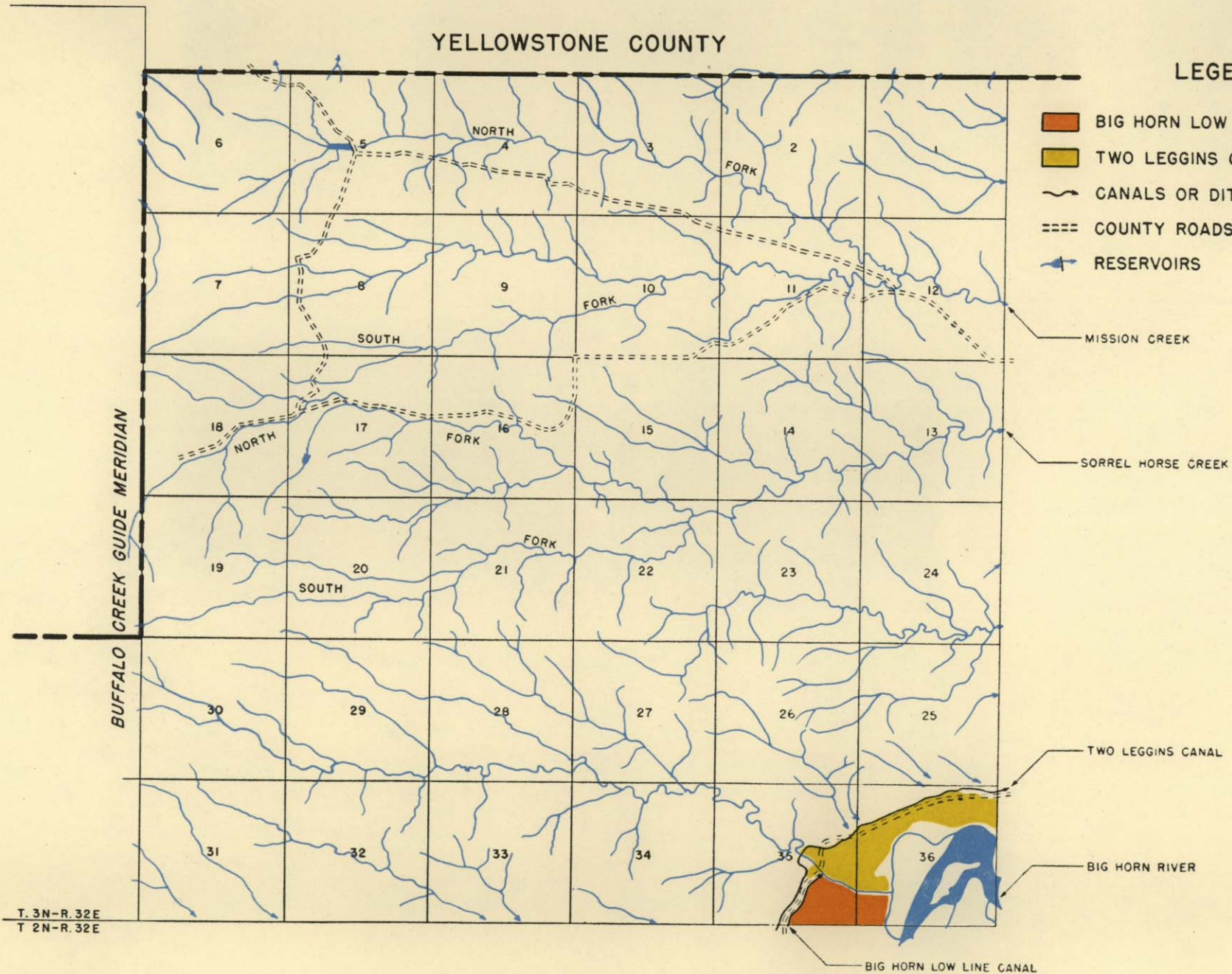
Respectfully submitted,

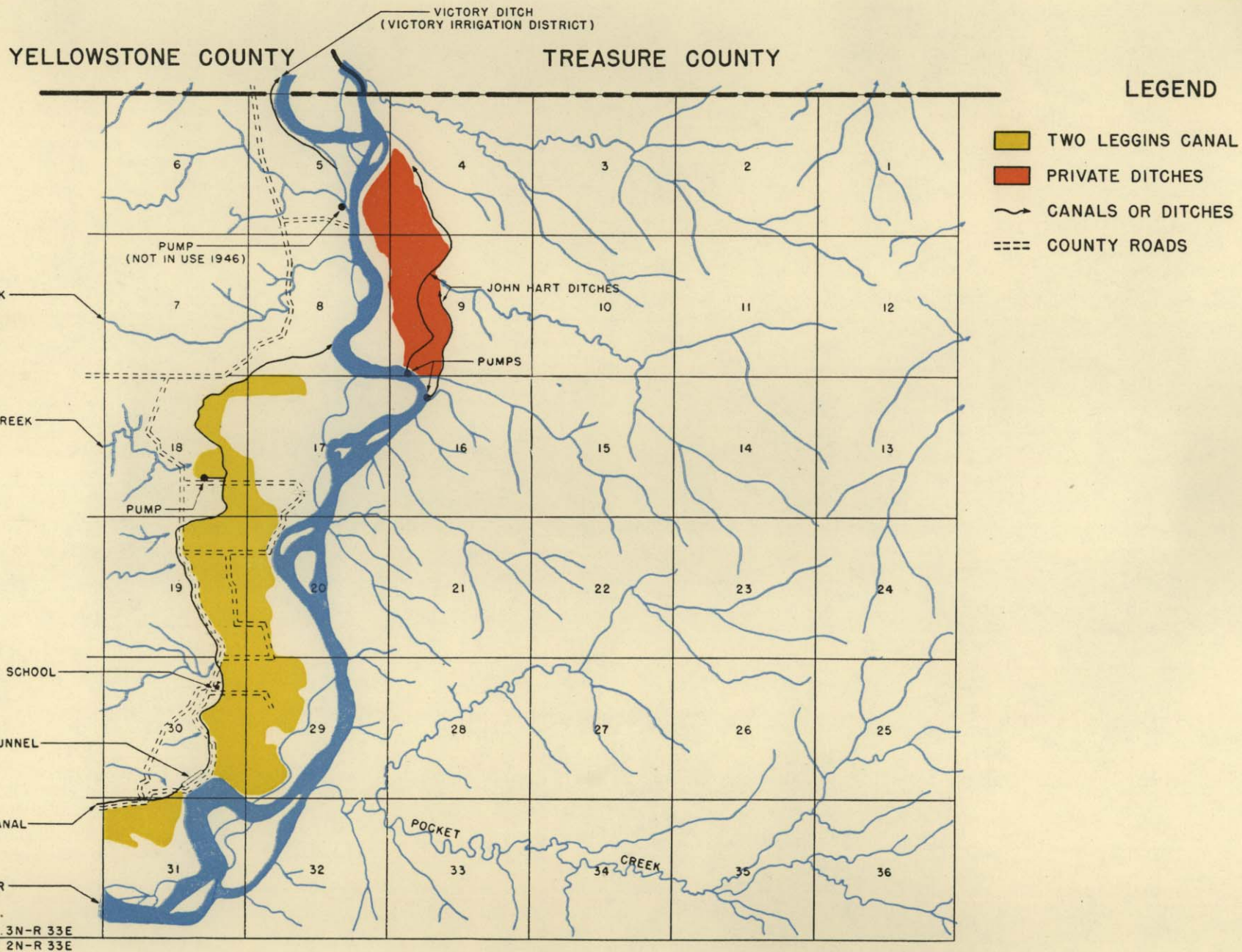
FRED E. BUCK,
State Engineer.

YELLOWSTONE COUNTY

LEGEND

- BIG HORN LOW LINE CANAL
- TWO LEGGINS CANAL
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS





Township No. 2 NORTH

Range No. 30 EAST

County BIG HORN

T. 2 NORTH

R. 30 EAST

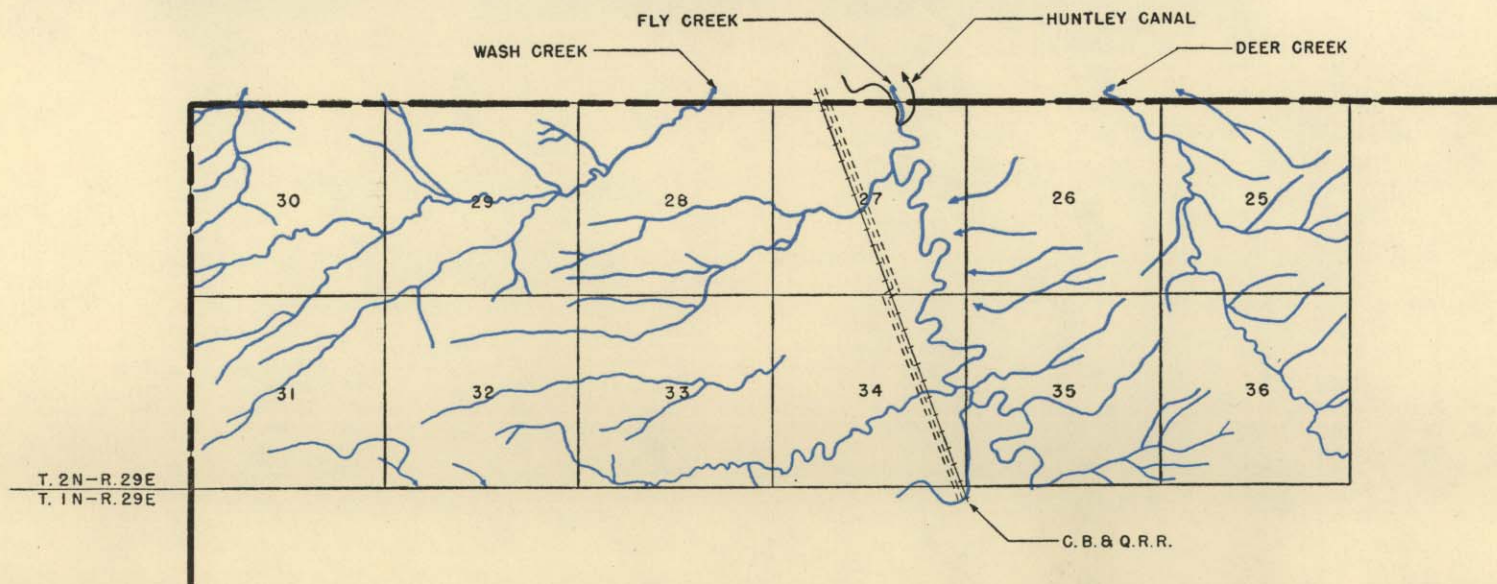
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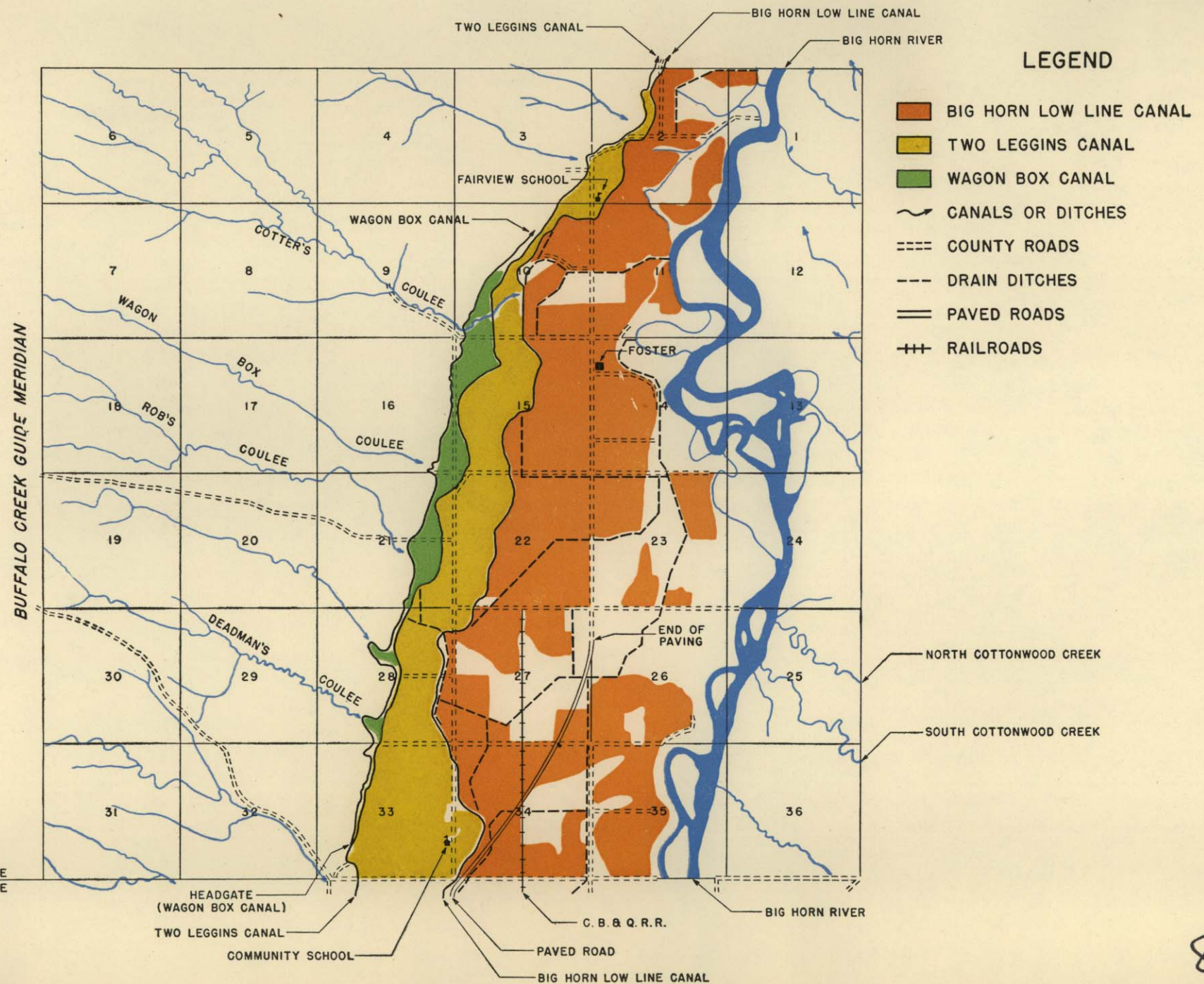
~ CANALS OR DITCHES

==== COUNTY ROADS

+++ RAILROADS

YELLOWSTONE COUNTY





TREASURE COUNTY

LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

FLOOD IRRIGATION

PRIVATE DITCH

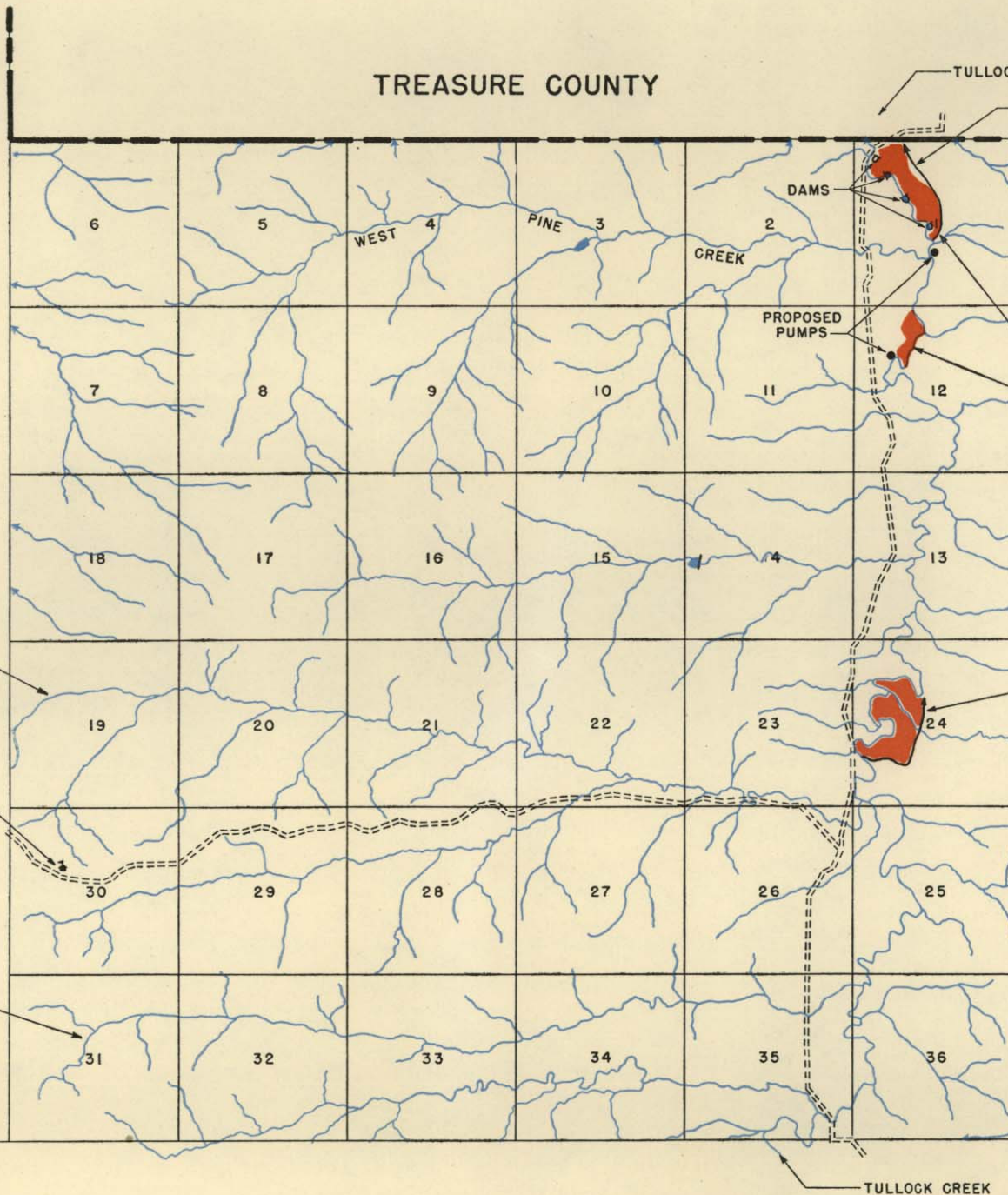
TULLOCK CREEK

WEST COTTONWOOD CREEK

SCHOOL

COTTONWOOD CREEK

T. 2N-R. 34E
T. 1N-R. 34E



Township No. 1 NORTH

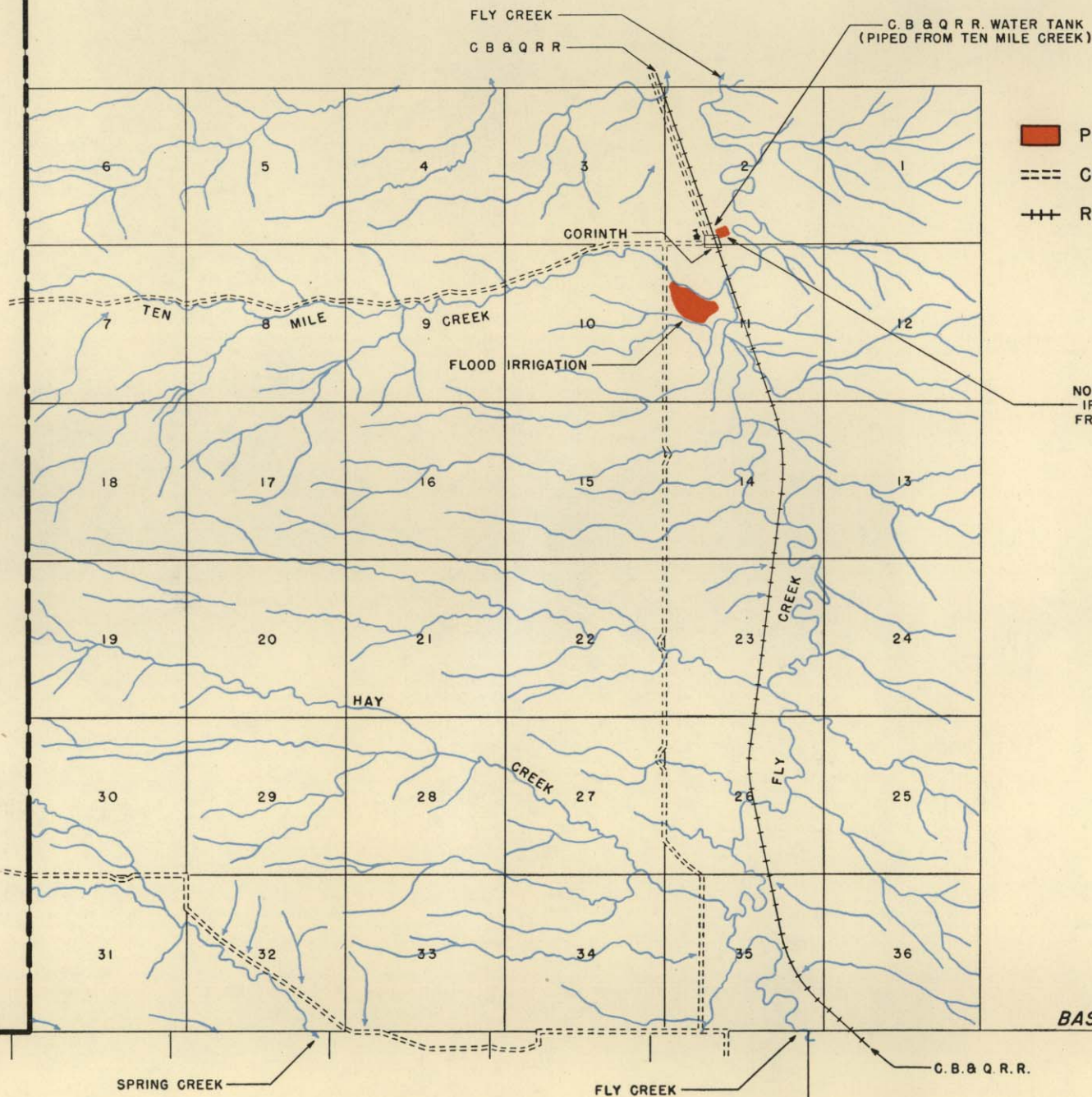
Range No. 30 EAST

County BIG HORN

T. 1 NORTH

R. 30 EAST

YELLOWSTONE COUNTY

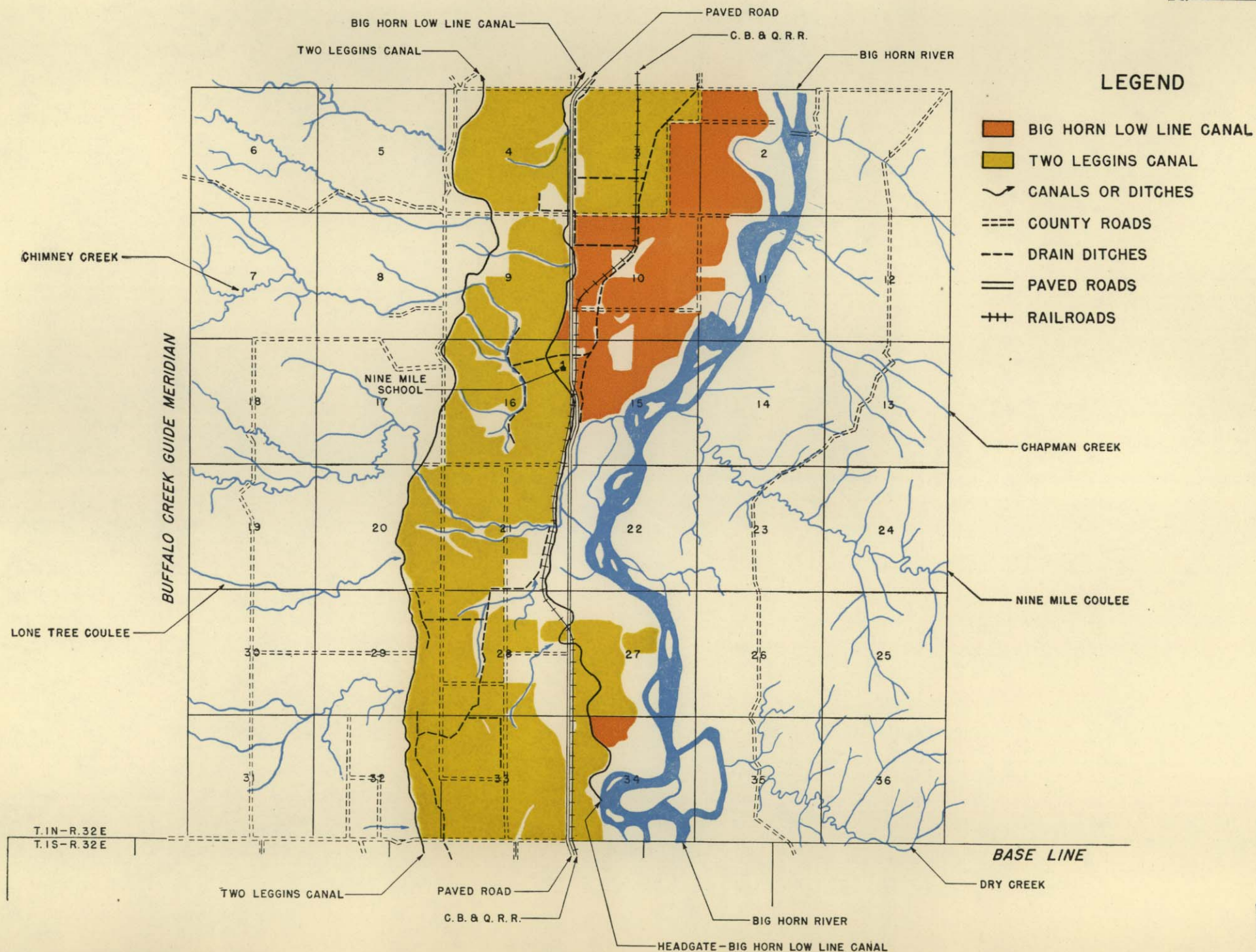


LEGEND

- PRIVATE DITCHES
- COUNTY ROADS
- RAILROADS

NOTE:
IRRIGATED BY OVERFLOW
FROM C.B. & Q.R.R. WATER TANK

T. 1 N - R. 29 E
T. 1 S - R. 30 E



TREASURE COUNTY

LEGEND

- CANALS OR DITCHES
--- COUNTY ROADS
| RESERVOIRS

ROSEBUD COUNTY

EAST FORK SARPY CREEK

OLD DITCH
(NOT IN USE 1946)

DAMS(OUT)

PRIVATE DITCHES
(NOT IN USE 1946)

SCHOOL

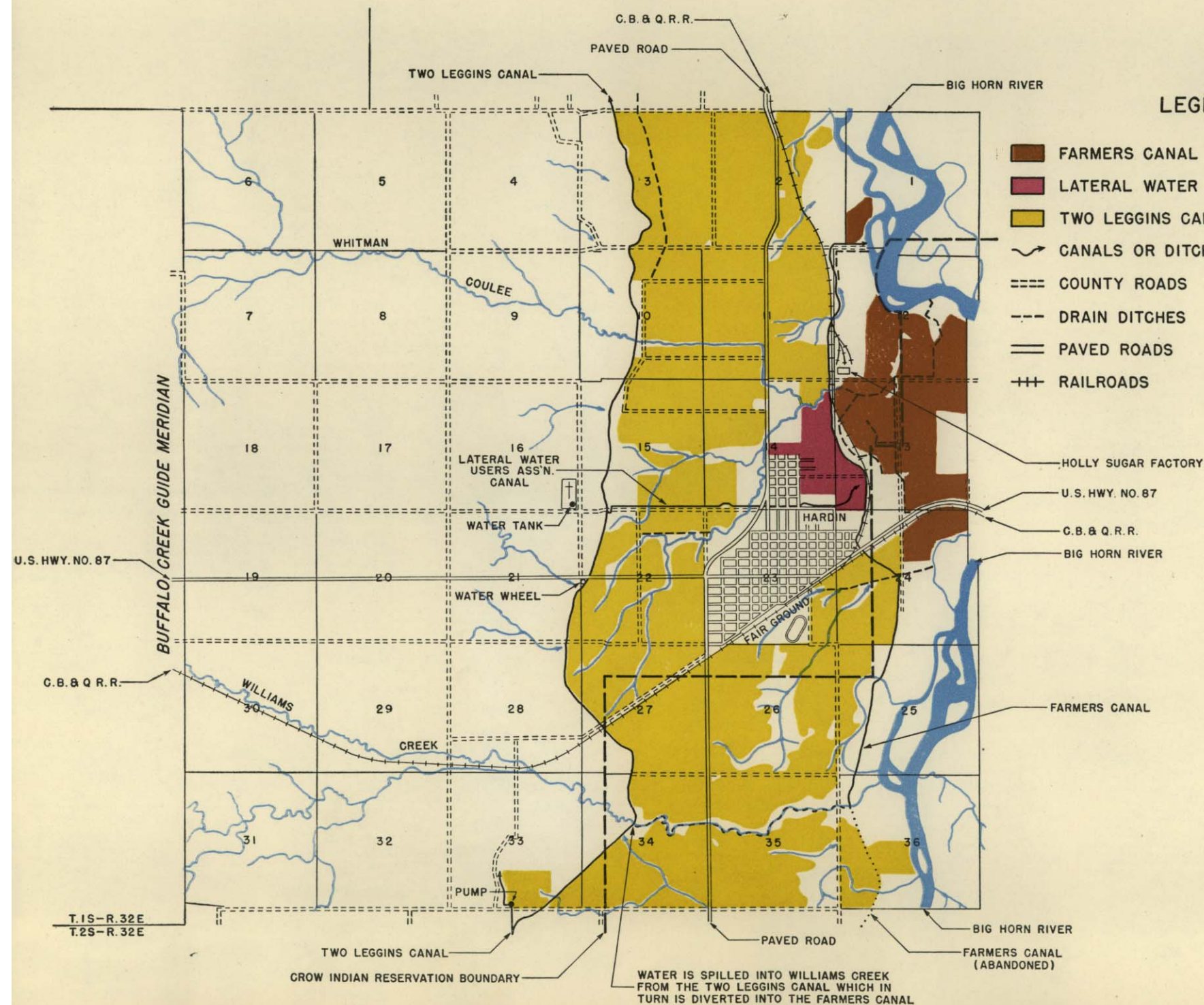
SCHOOL

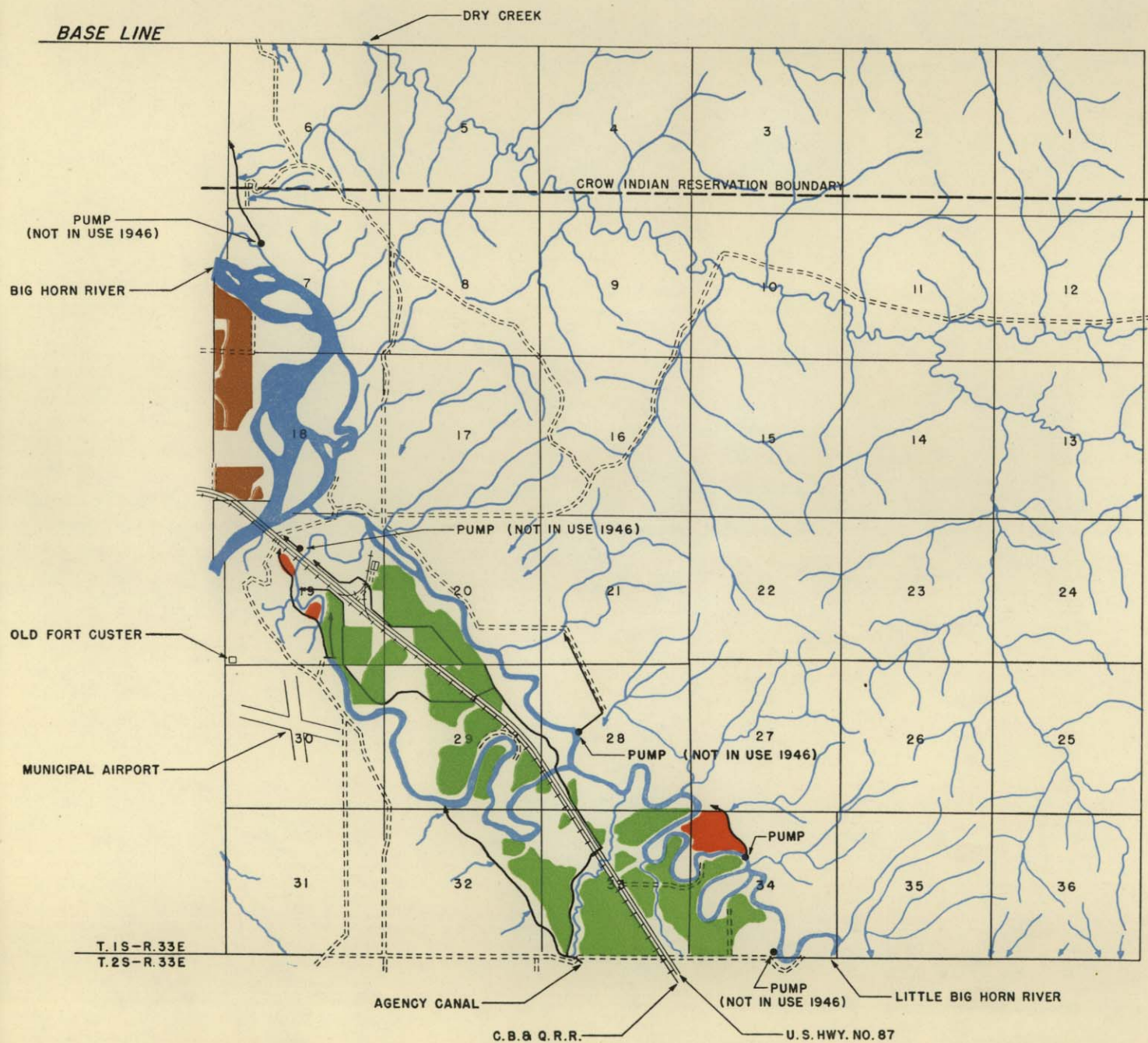
SARPY

T 1N-R. 37 E
T 1S-R. 38 E

LEGEND

- FARMERS CANAL
- LATERAL WATER USERS ASS'N. CANAL
- TWO LEGGINS CANAL
- CANALS OR DITCHES
- COUNTY ROADS
- DRAIN DITCHES
- PAVED ROADS
- +++ RAILROADS





LEGEND

- AGENCY CANAL
- FARMERS CANAL
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- PAVED ROADS
- +++ RAILROADS

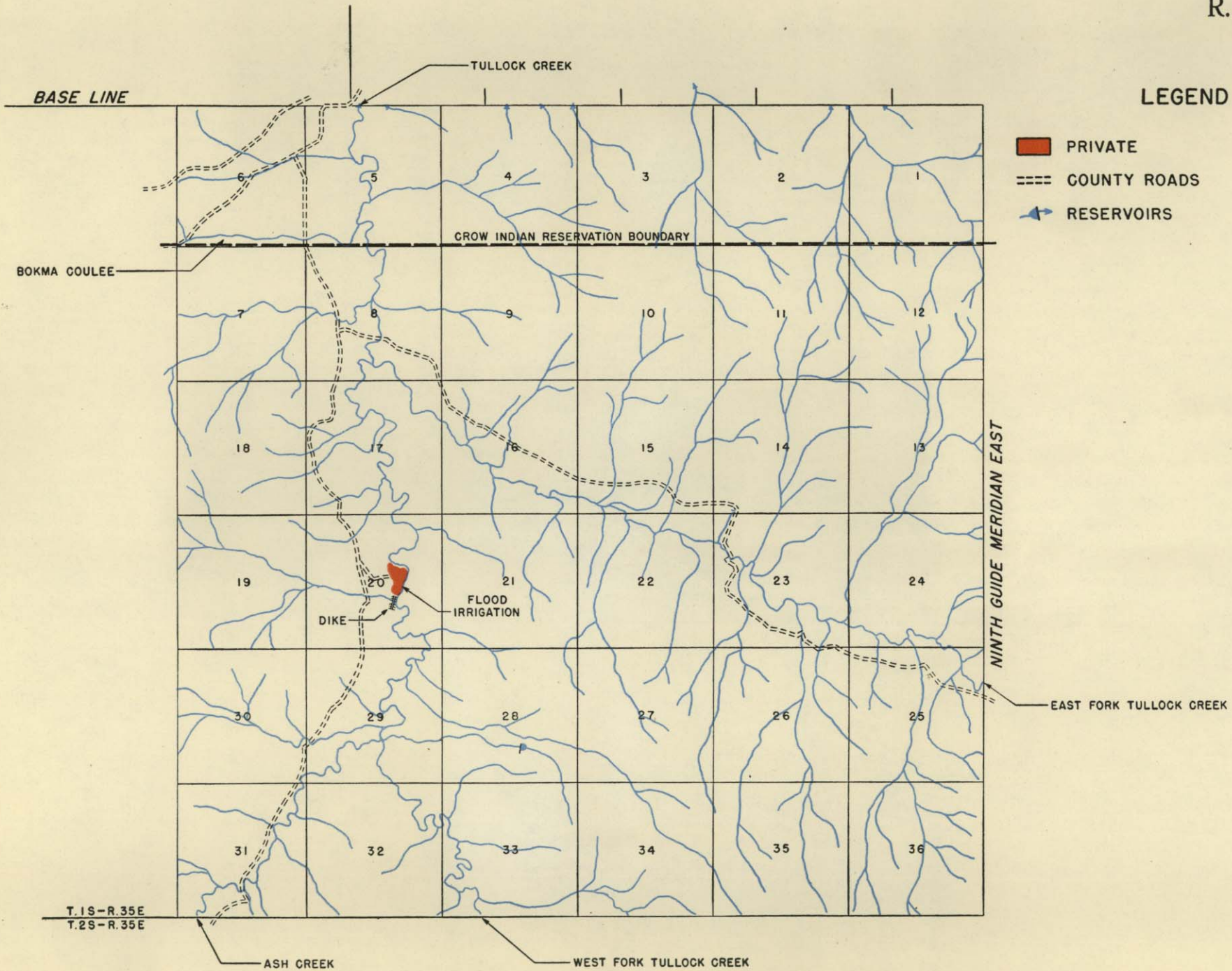
Township No. 1 SOUTH

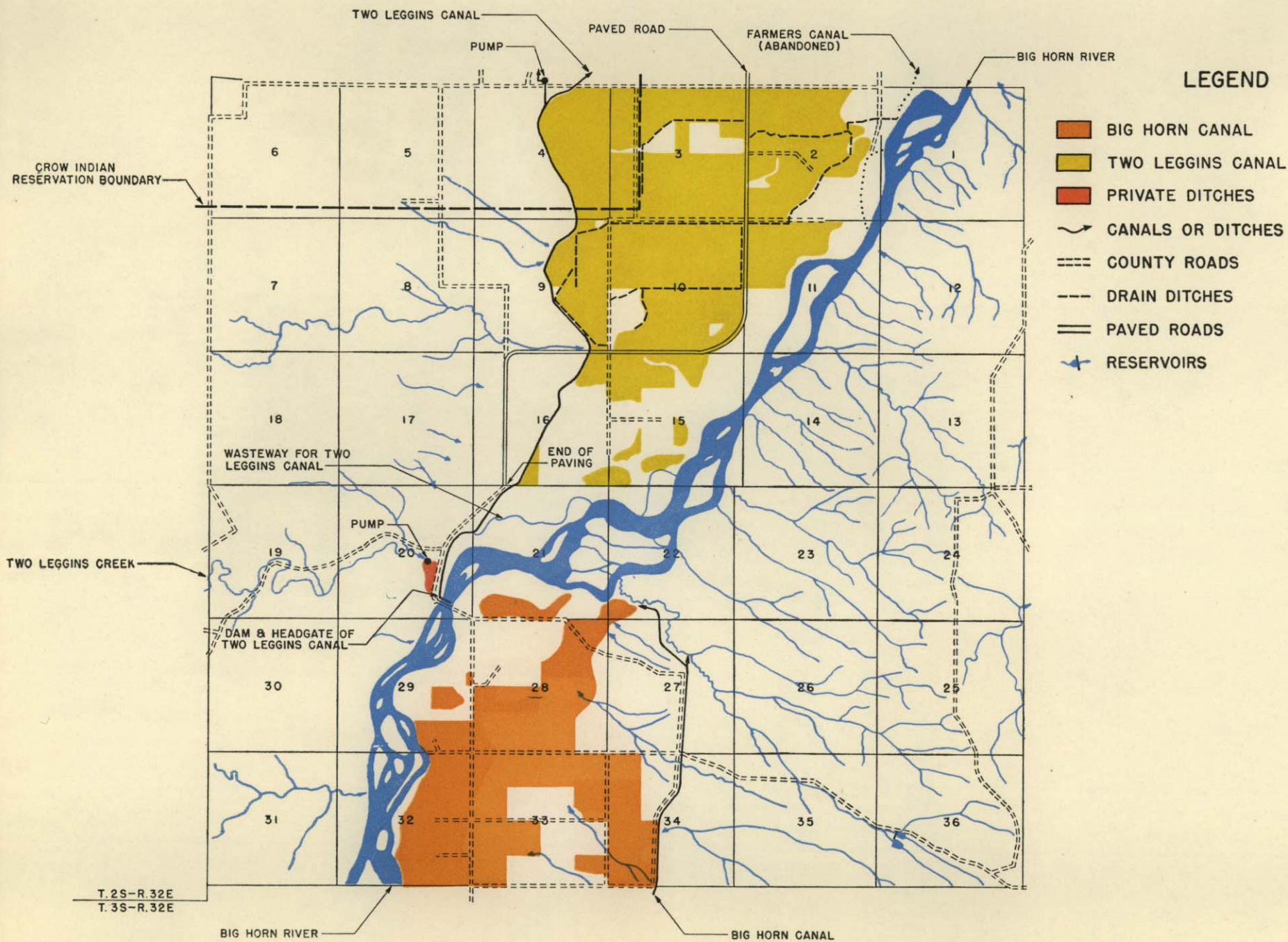
Range No. 36 EAST

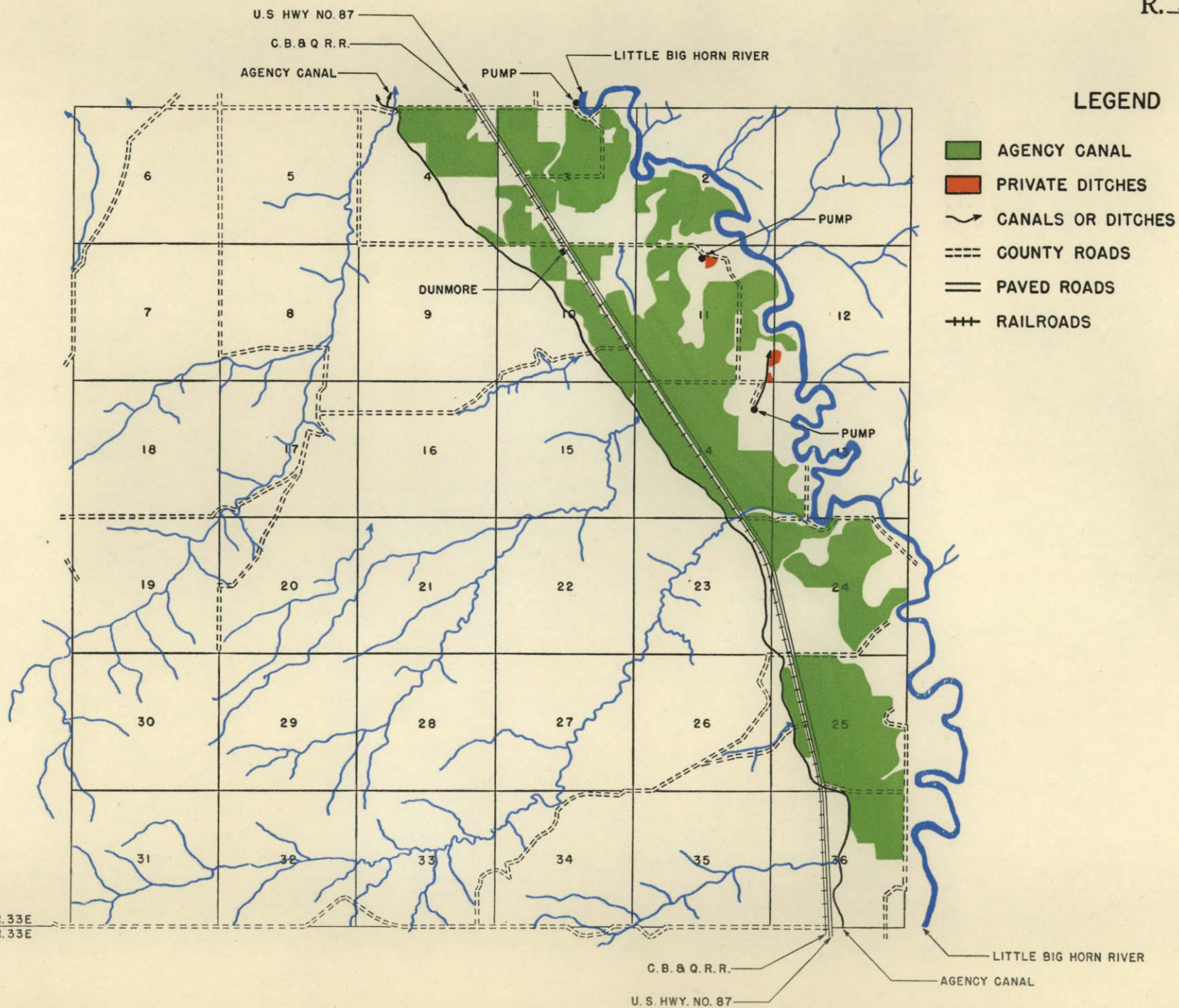
County BIG HORN

T. 1 SOUTH

R. 36 EAST







ASH CREEK

LEGEND

- AGENCY CANAL
- COUNTY ROADS
- RESERVOIRS

LITTLE BIG HORN RIVER




PUMP
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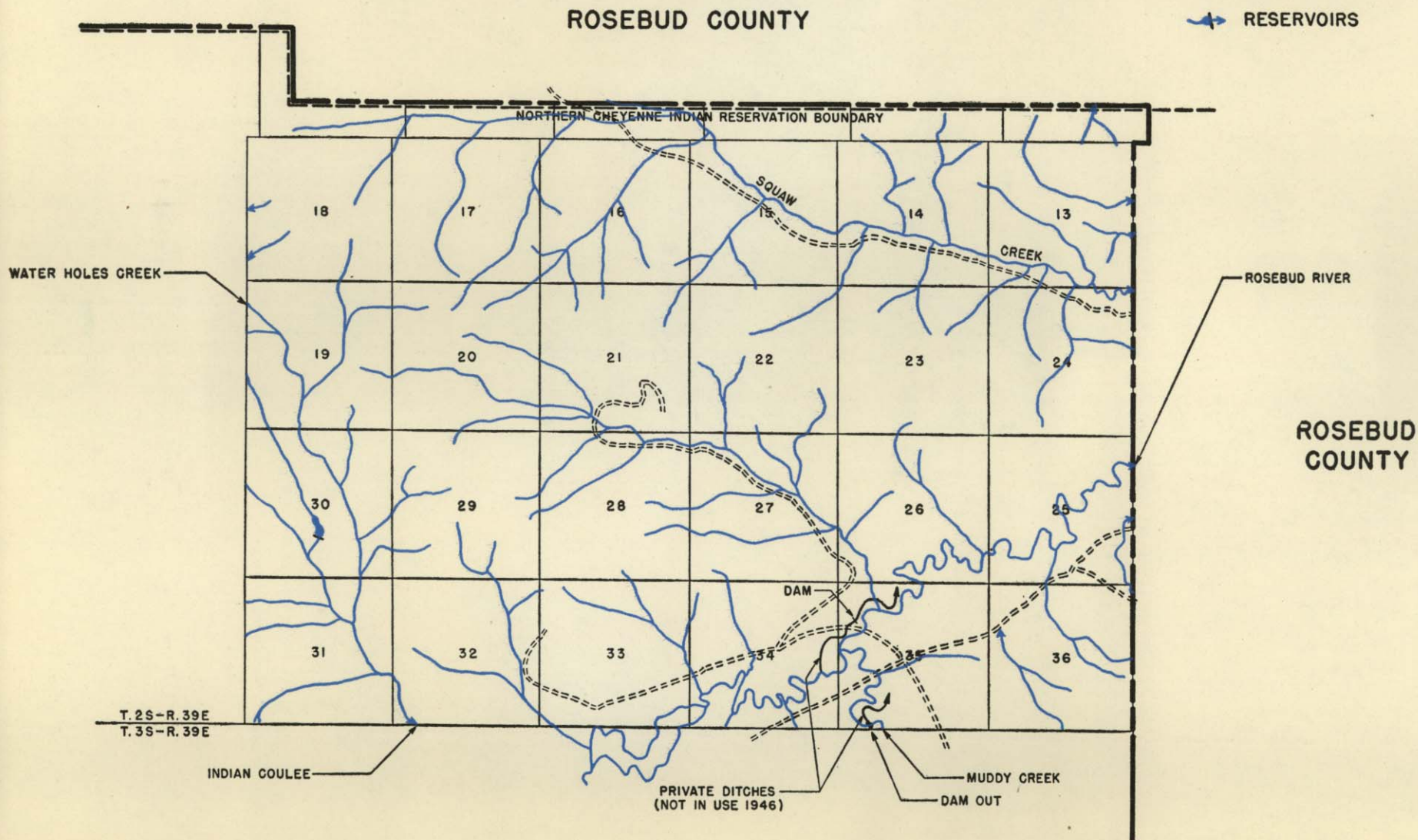
T. 2S-R. 34E
T. 3S-R. 34E

LITTLE BIG HORN RIVER

ASH CREEK

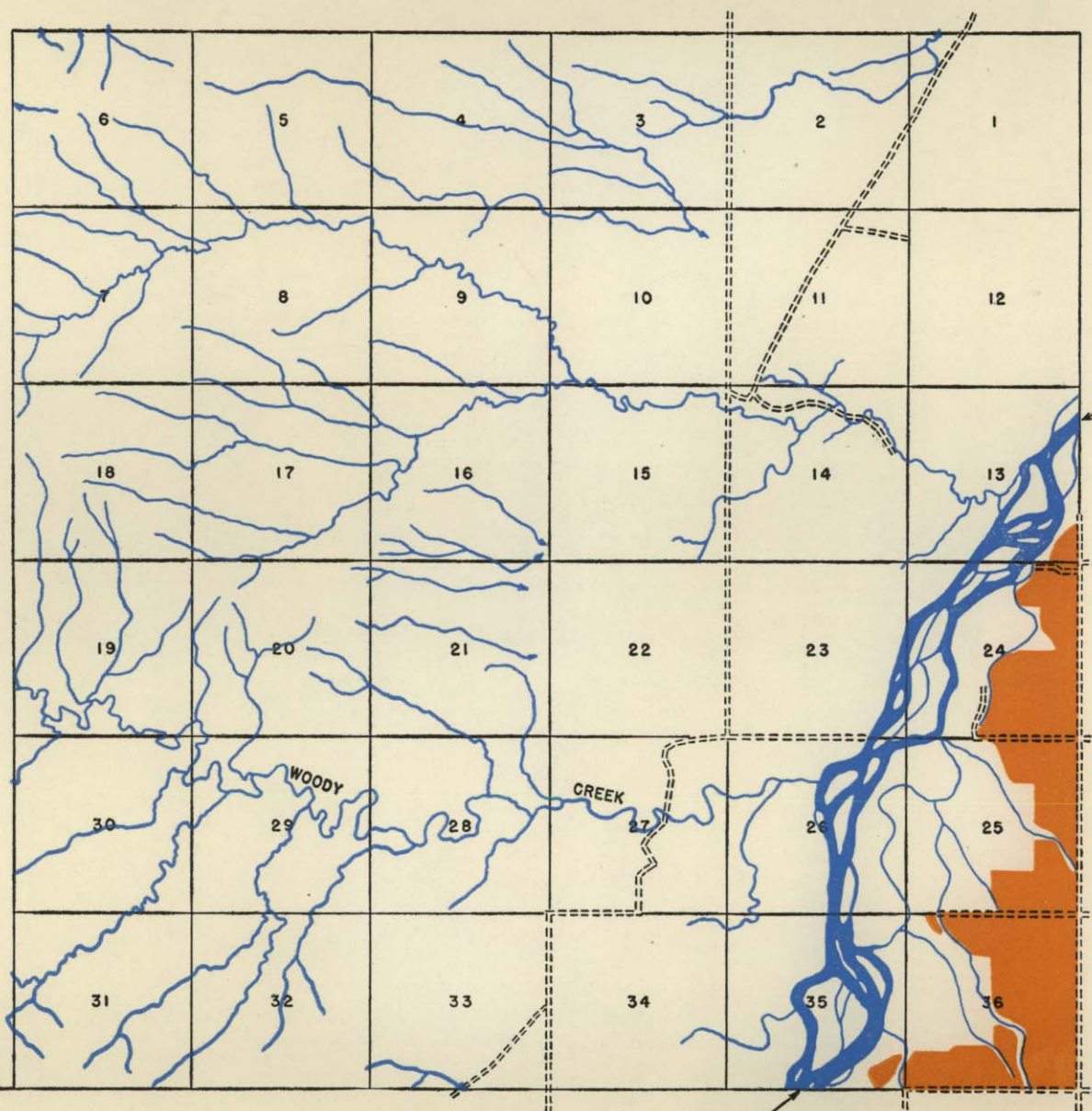
LEGEND

-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS



LEGEND

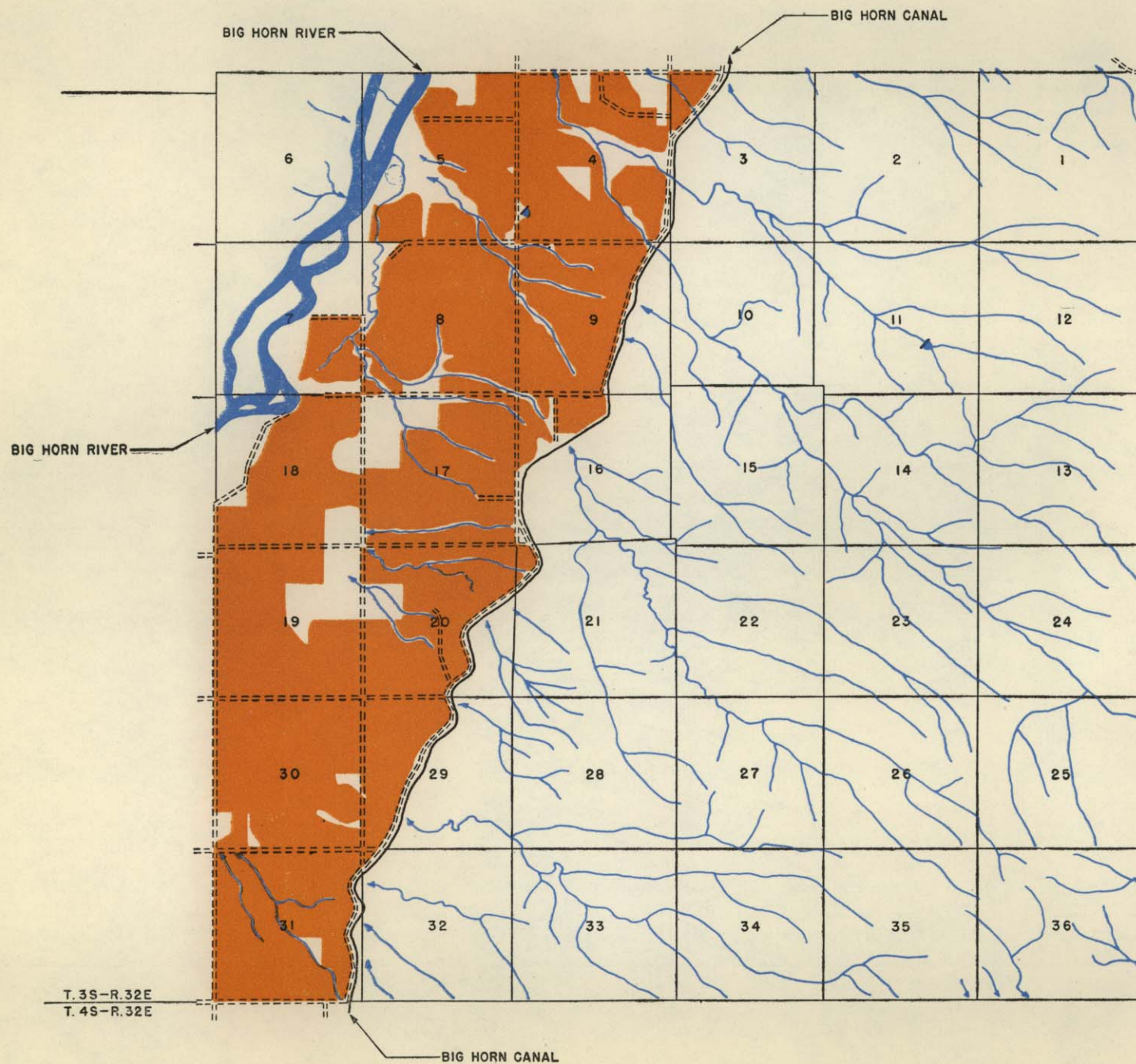
- BIG HORN CANAL
- CANALS OR DITCHES
- COUNTY ROADS



BIG HORN RIVER

BIG HORN RIVER

T. 3 S - R. 31 E
T. 4 S - R. 31 E



LEGEND

- BIG HORN CANAL
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

Township No 3 SOUTH

Range No 34 EAST

County BIG HORN

T. 3 SOUTH

R. 34 EAST

AGENCY CANAL

U S HWY NO 87

C B & Q R R

LEGEND

AGENCY CANAL

RENO CANAL

CANALS OR DITCHES

COUNTY ROADS

PAVED ROADS

RAILROADS

RESERVOIRS

FAIRGROUNDS

LITTLE BIG HORN RIVER

RENO CANAL

SQUAW CREEK

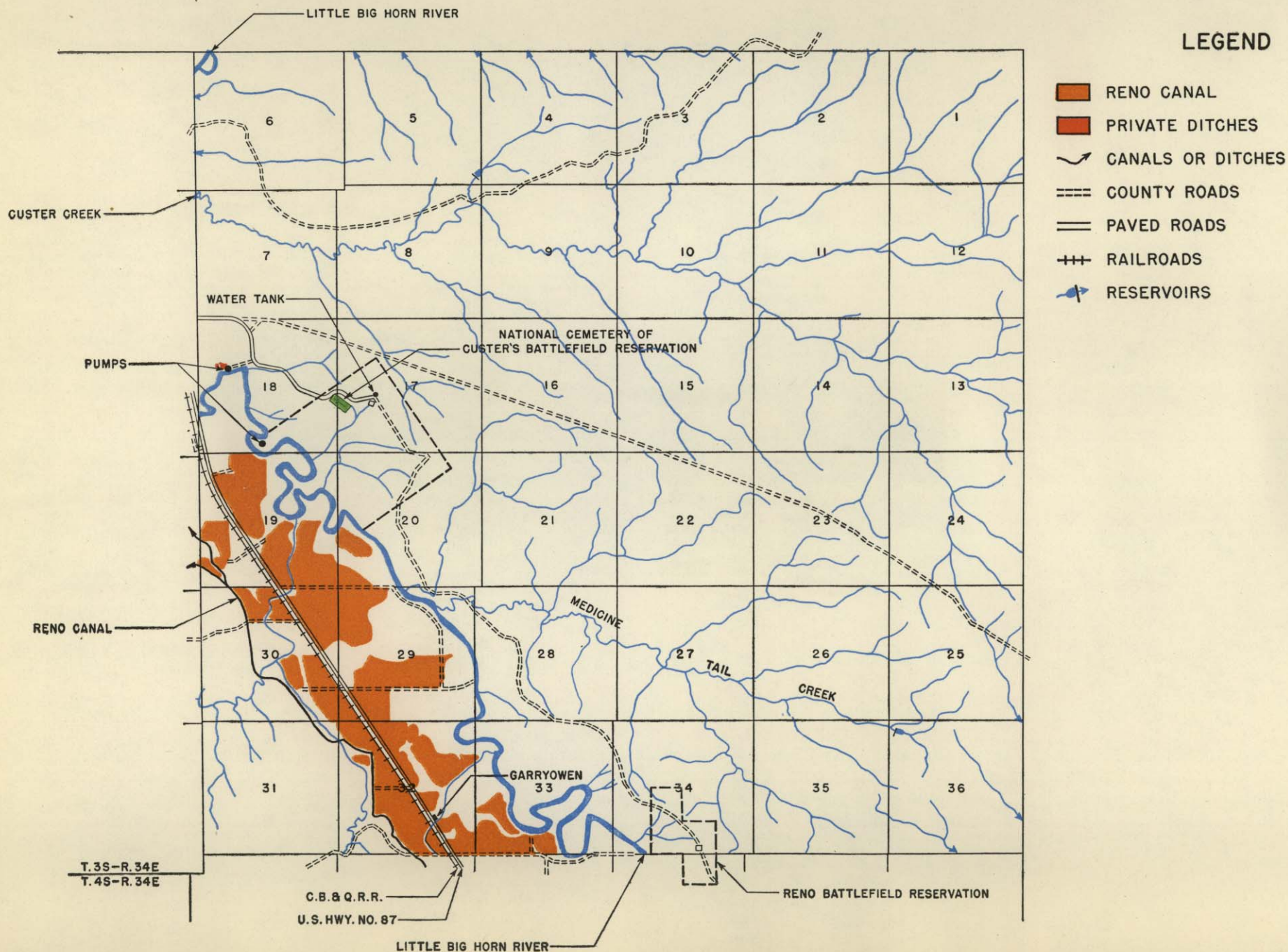
ONION CREEK

T. 3S-R. 33E

T. 4S-R. 33E

T. 3S-R. 35E

T. 4S-R. 35E



Township No. 3 SOUTH





Range No. 39 EAST

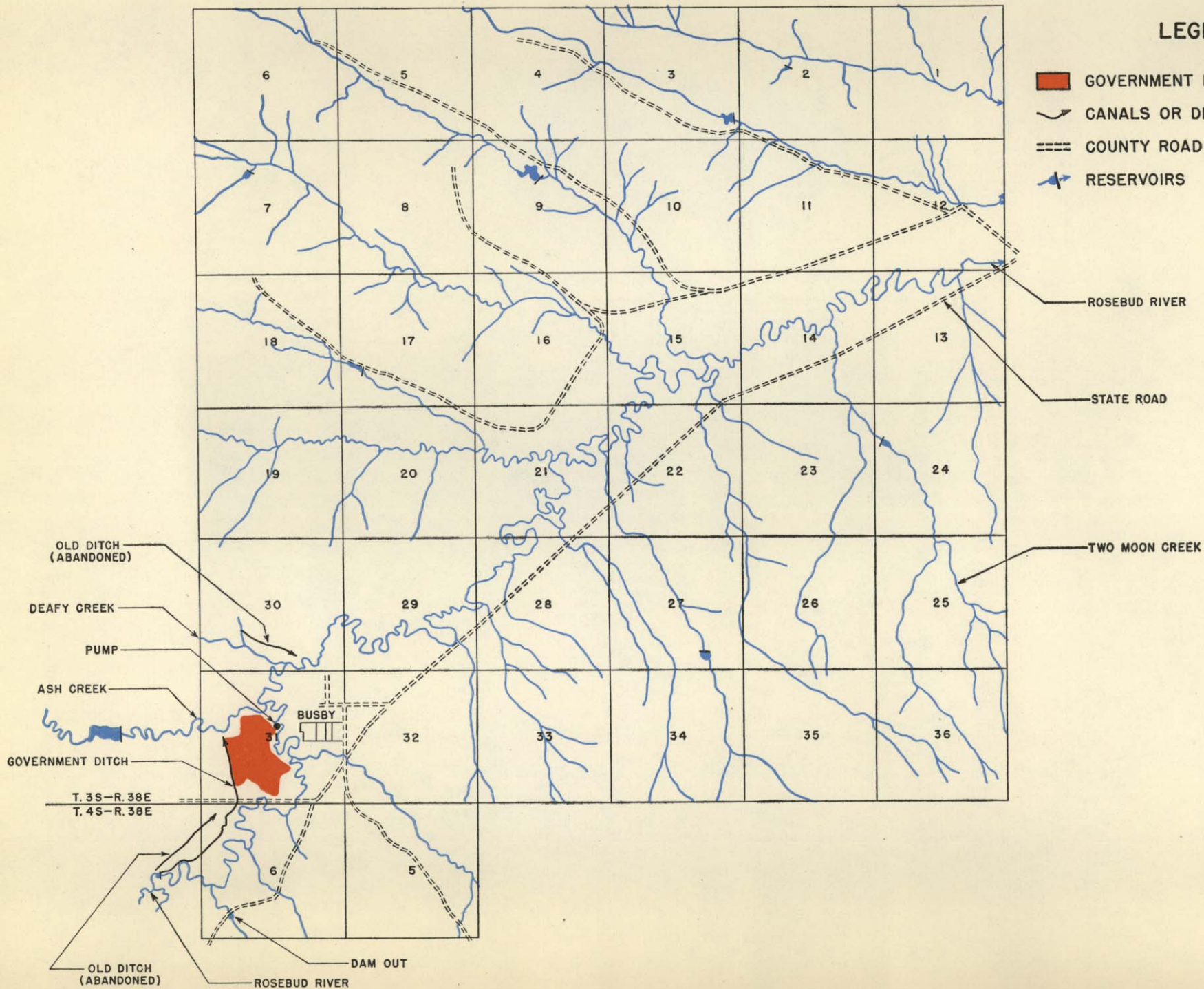
County BIG HORN

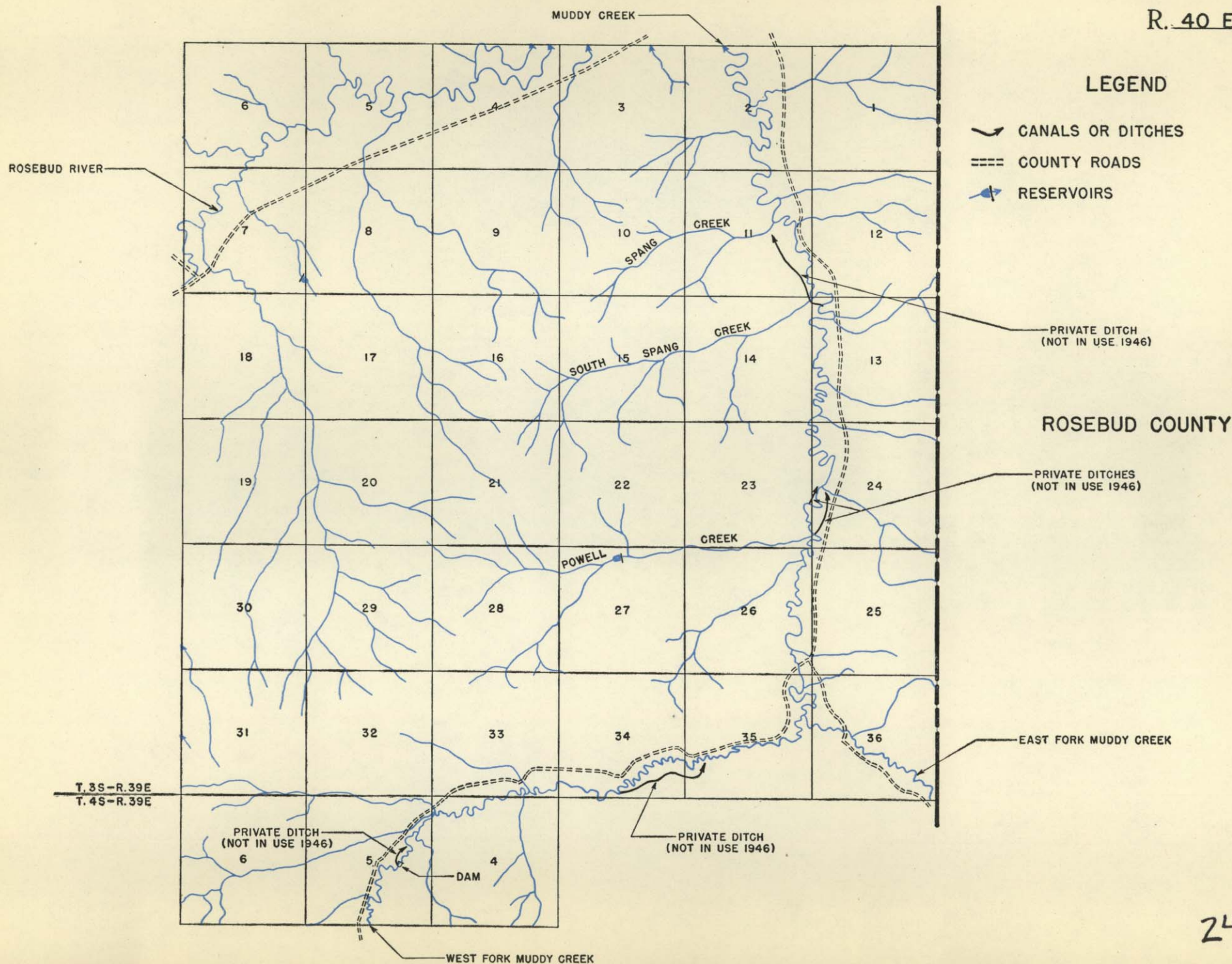
T. 3 SOUTH

R. 39 EAST





LEGEND

-  GOVERNMENT DITCH
-  CANALS OR DITCHES
-  COUNTY ROAD
-  RESERVOIRS

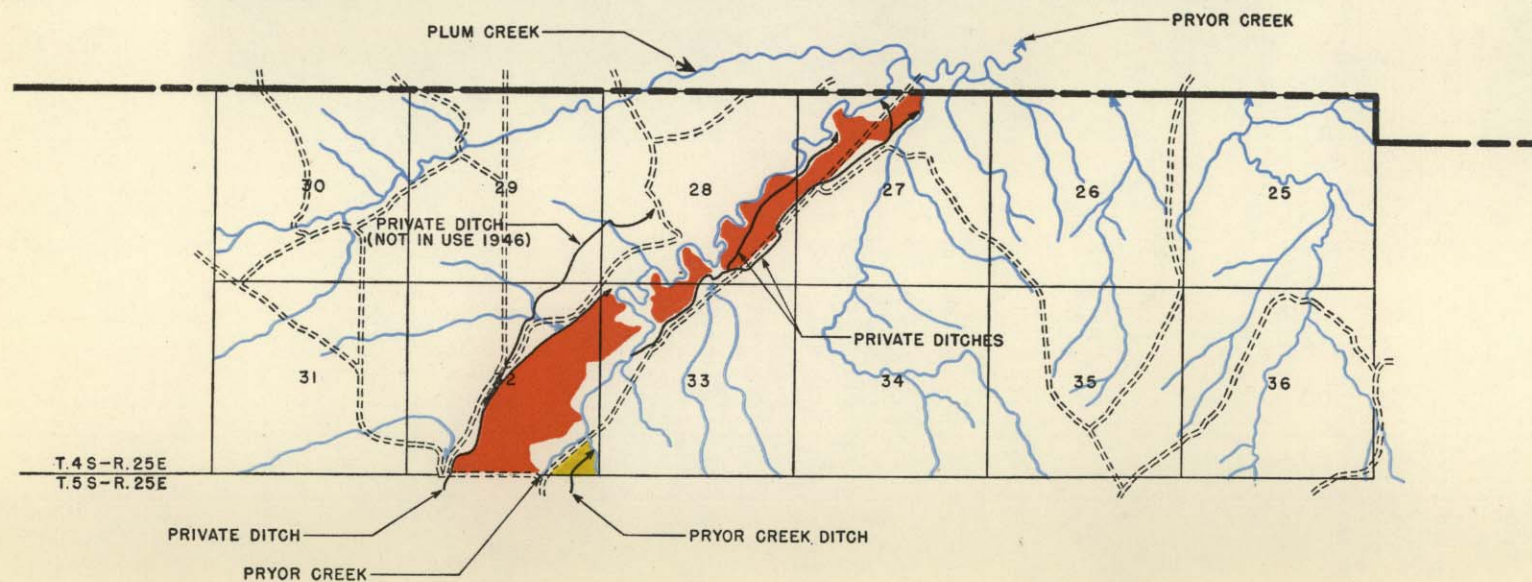




LEGEND

 PRYOR CREEK DITCH PRIVATE DITCHES CANALS OR DITCHES COUNTY ROADS

YELLOWSTONE COUNTY

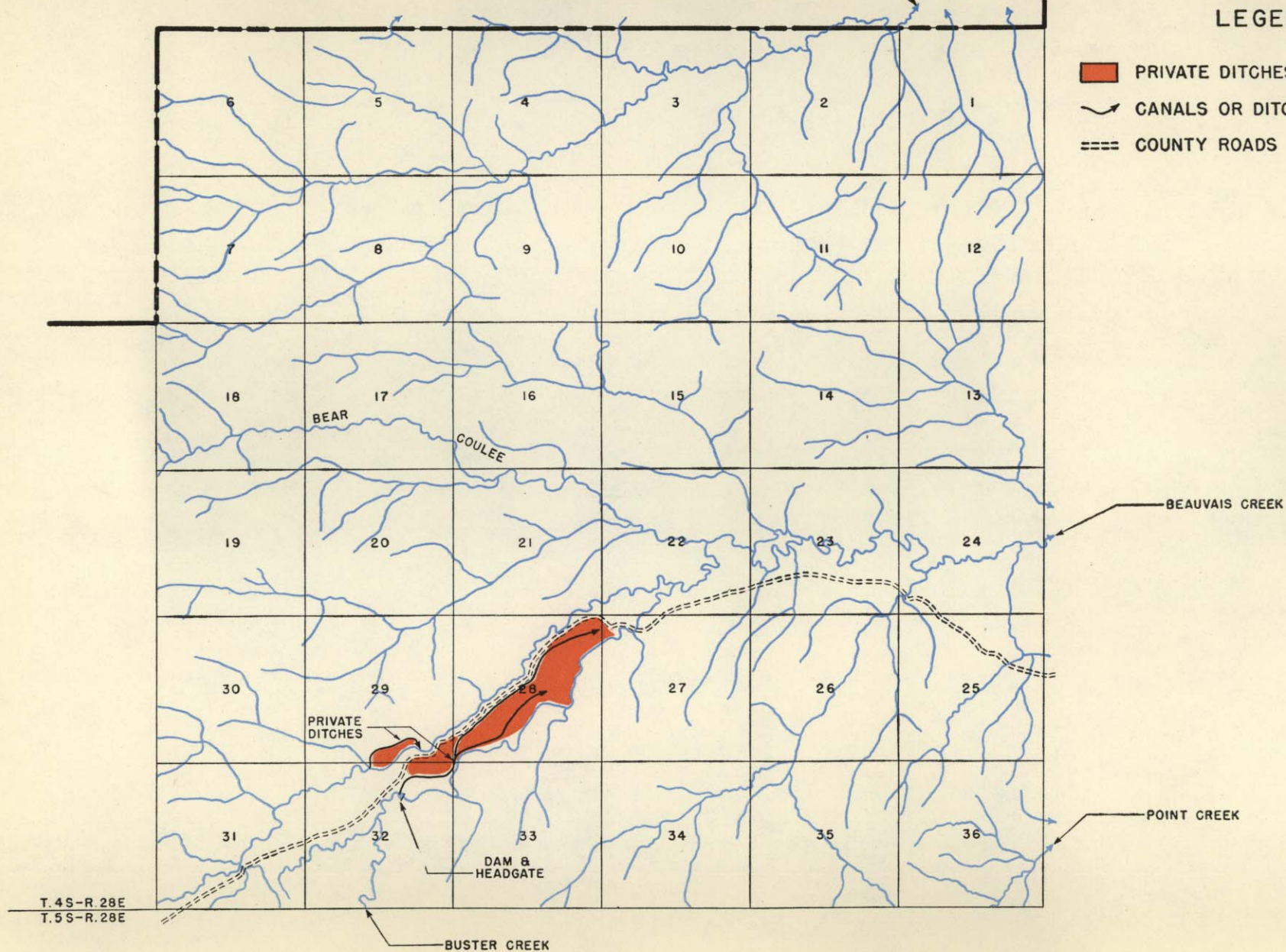


YELLOWSTONE COUNTY

SOUTH FORK WOODY CREEK

LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS



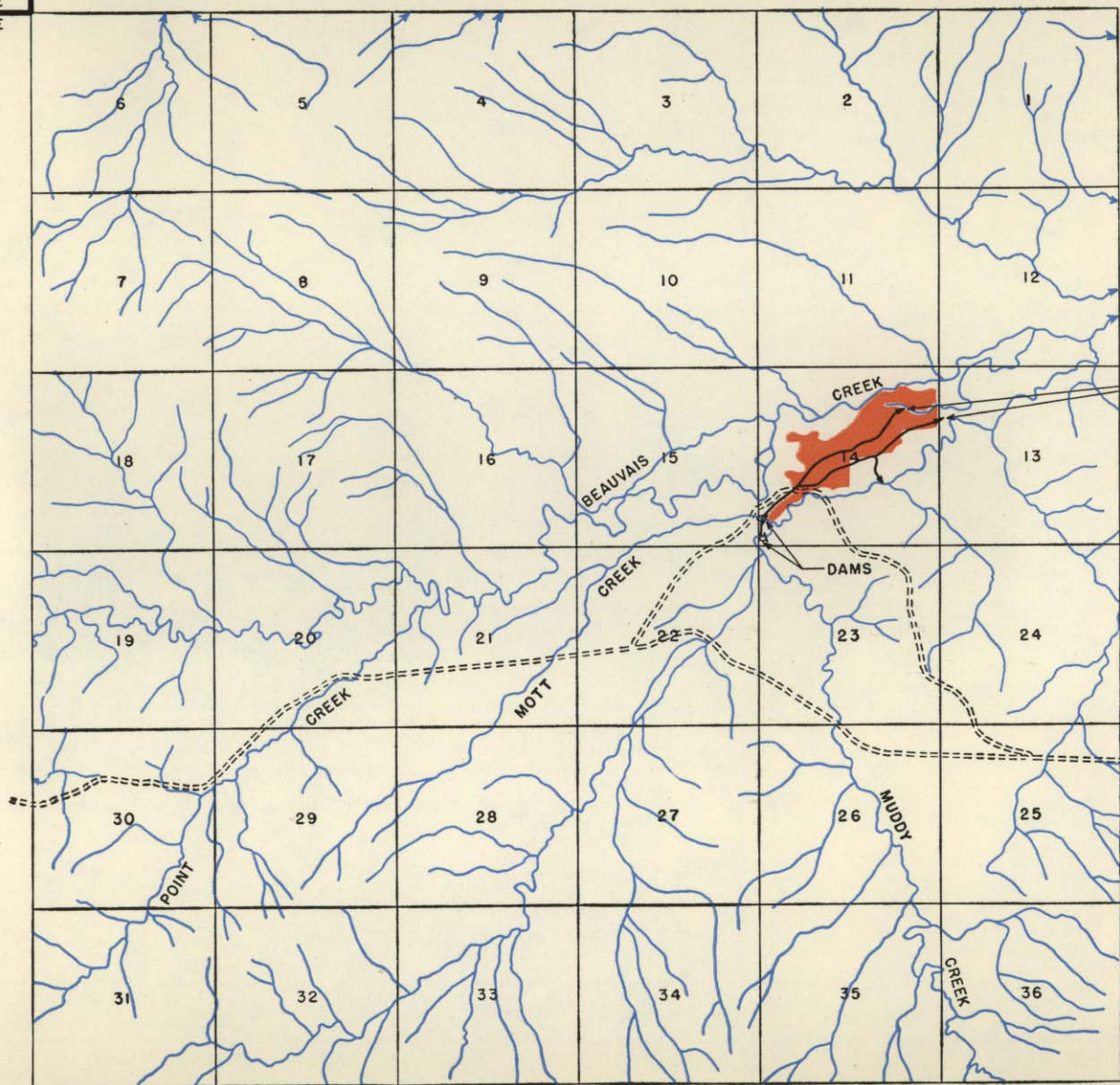
T. 4 S - R. 28 E
T. 5 S - R. 28 E

YELLOWSTONE
COUNTY

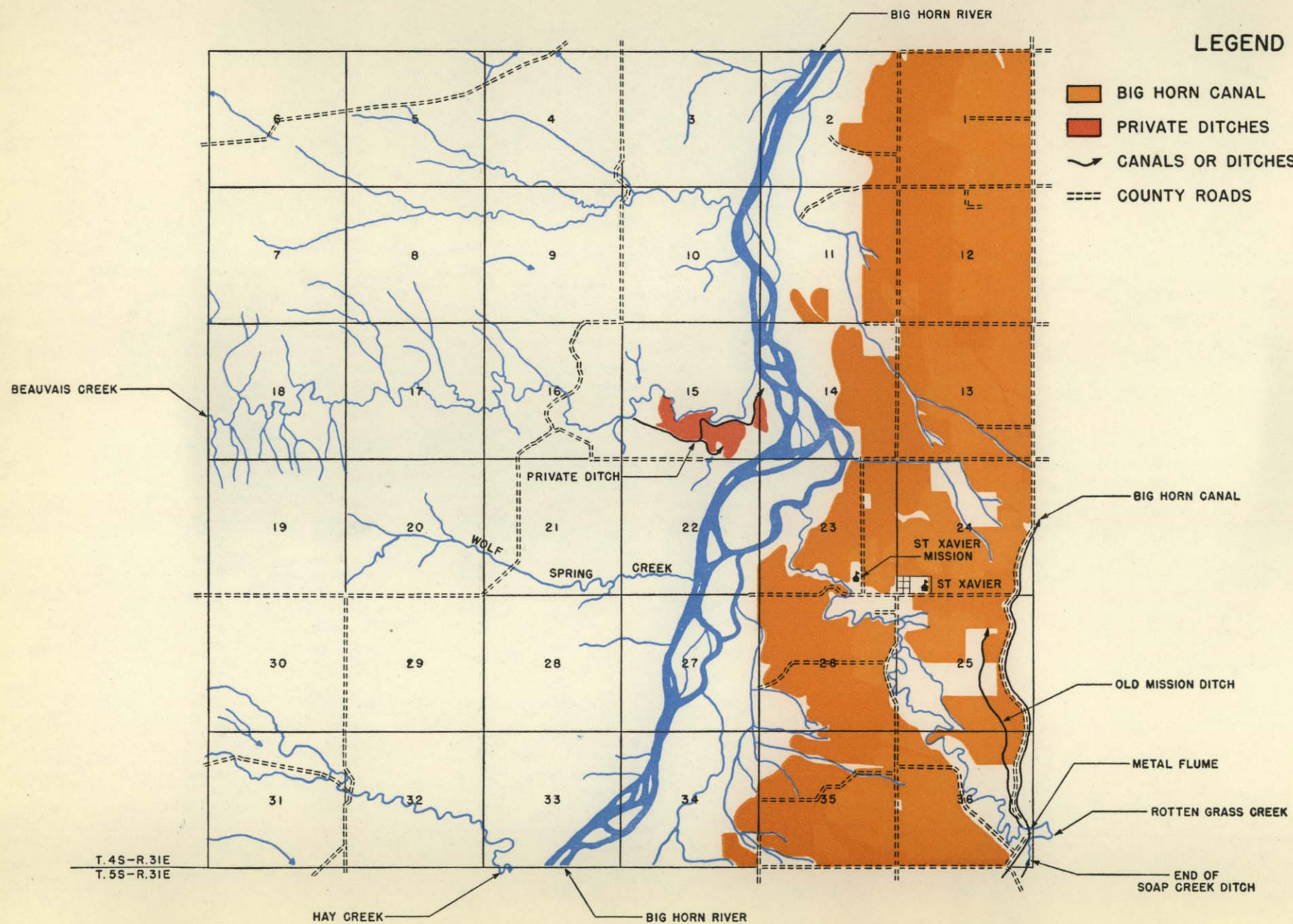
T. 3S-R. 29E
T. 4S-R. 29E

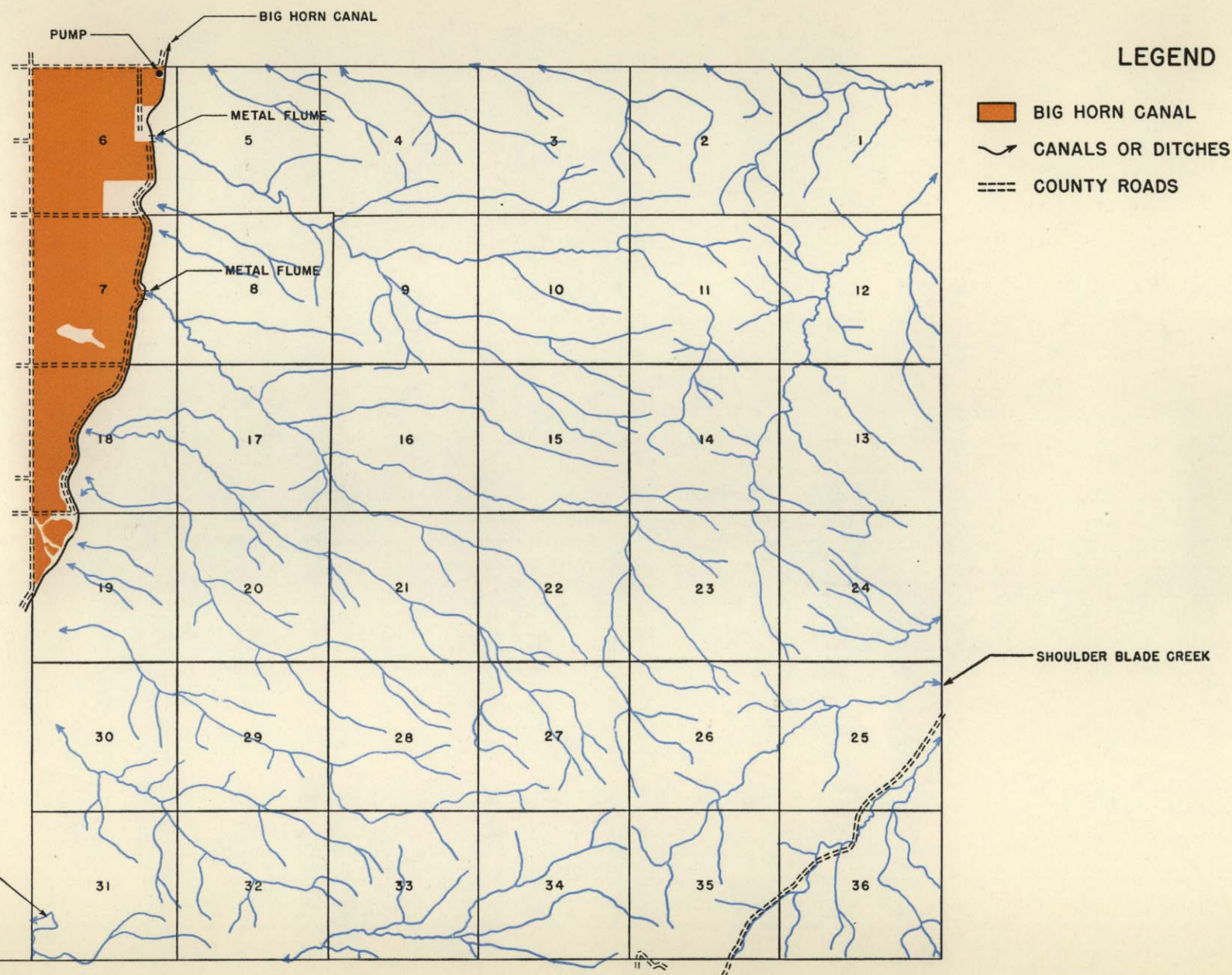
LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS







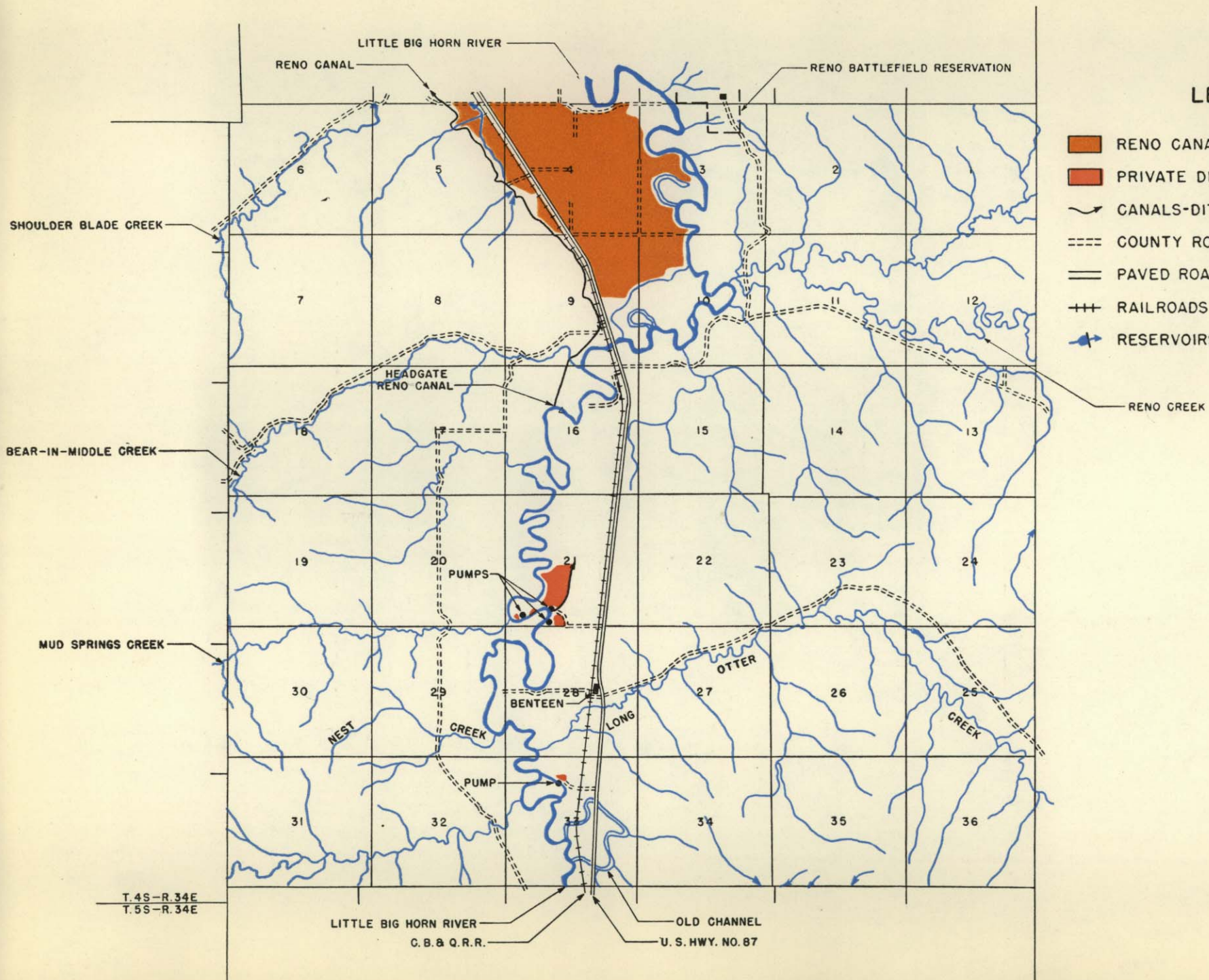
PRIVATE DITCHES

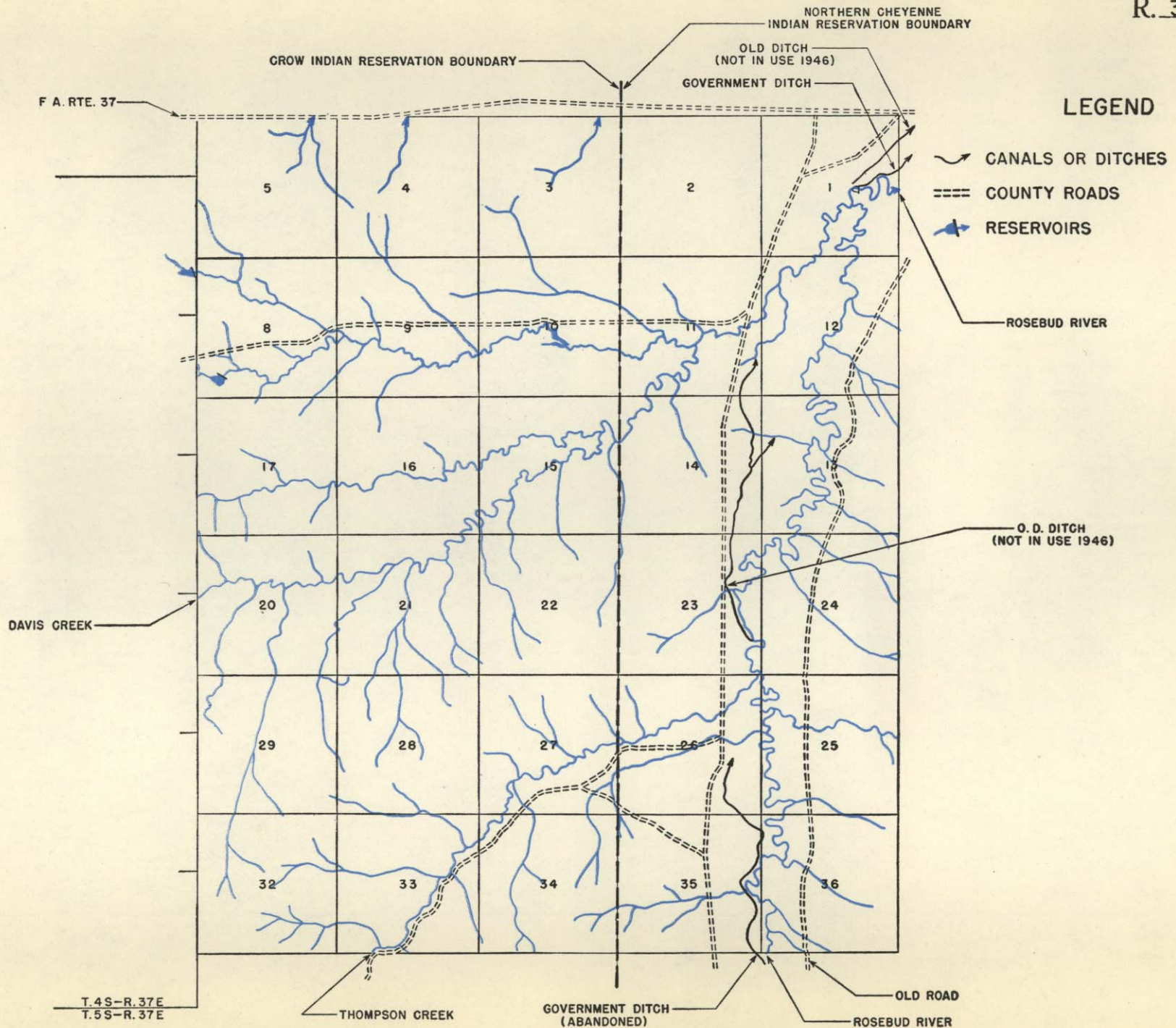









LEGEND

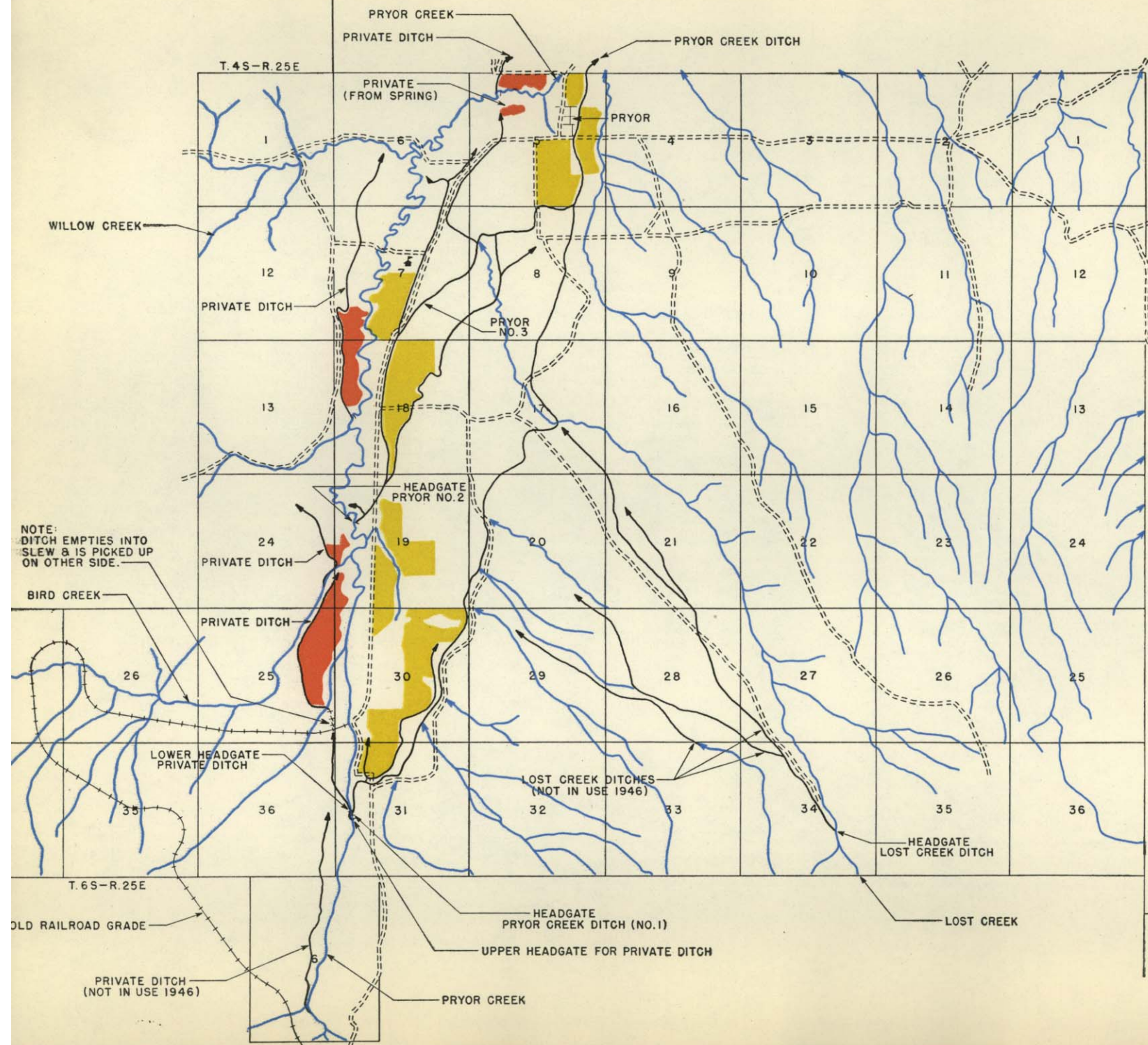
-  RENO CANAL
-  PRIVATE DITCHES
-  CANALS-DITCHES
-  COUNTY ROADS
-  PAVED ROADS
-  RAILROADS
-  RESERVOIRS

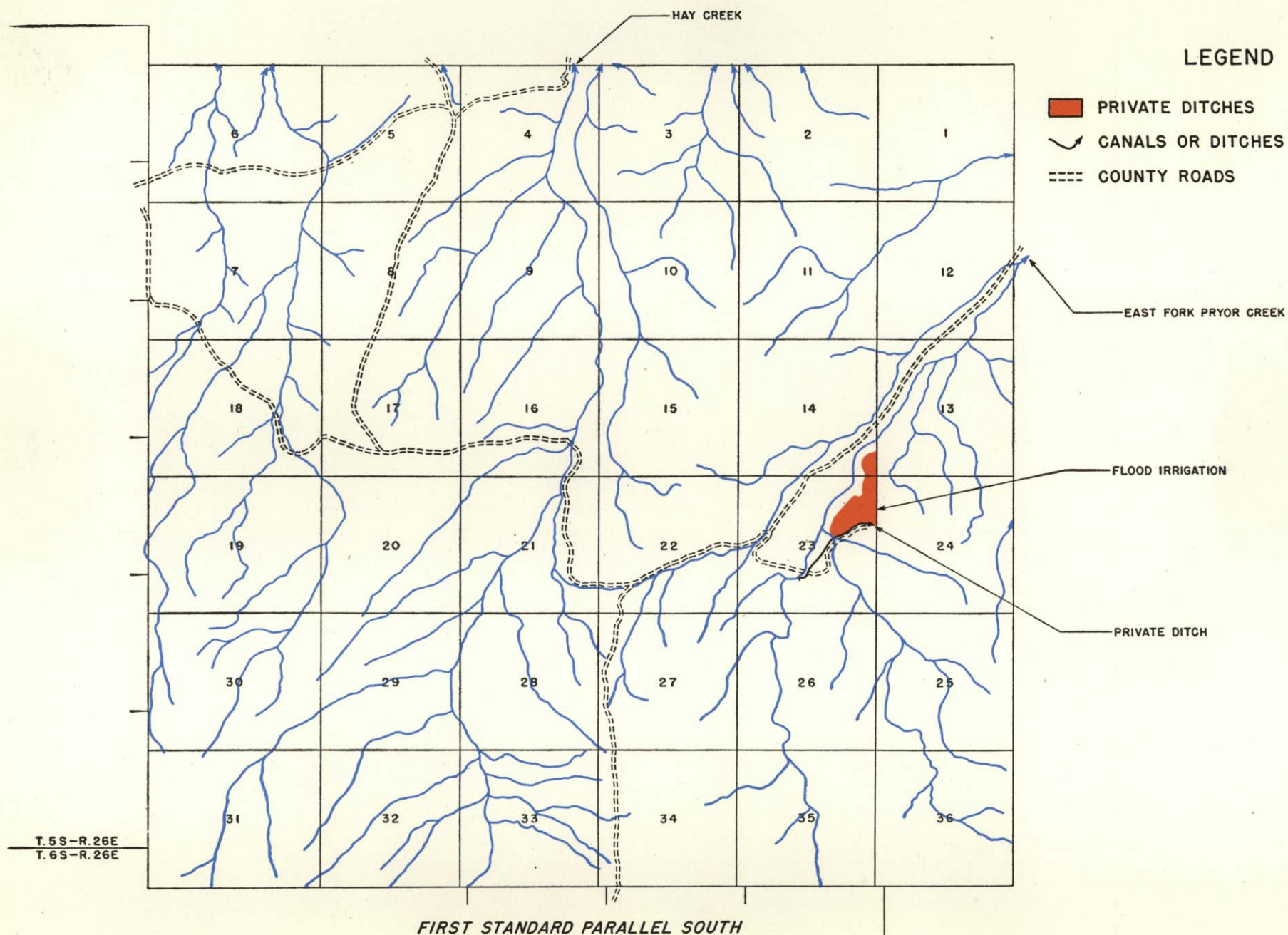




LEGEND

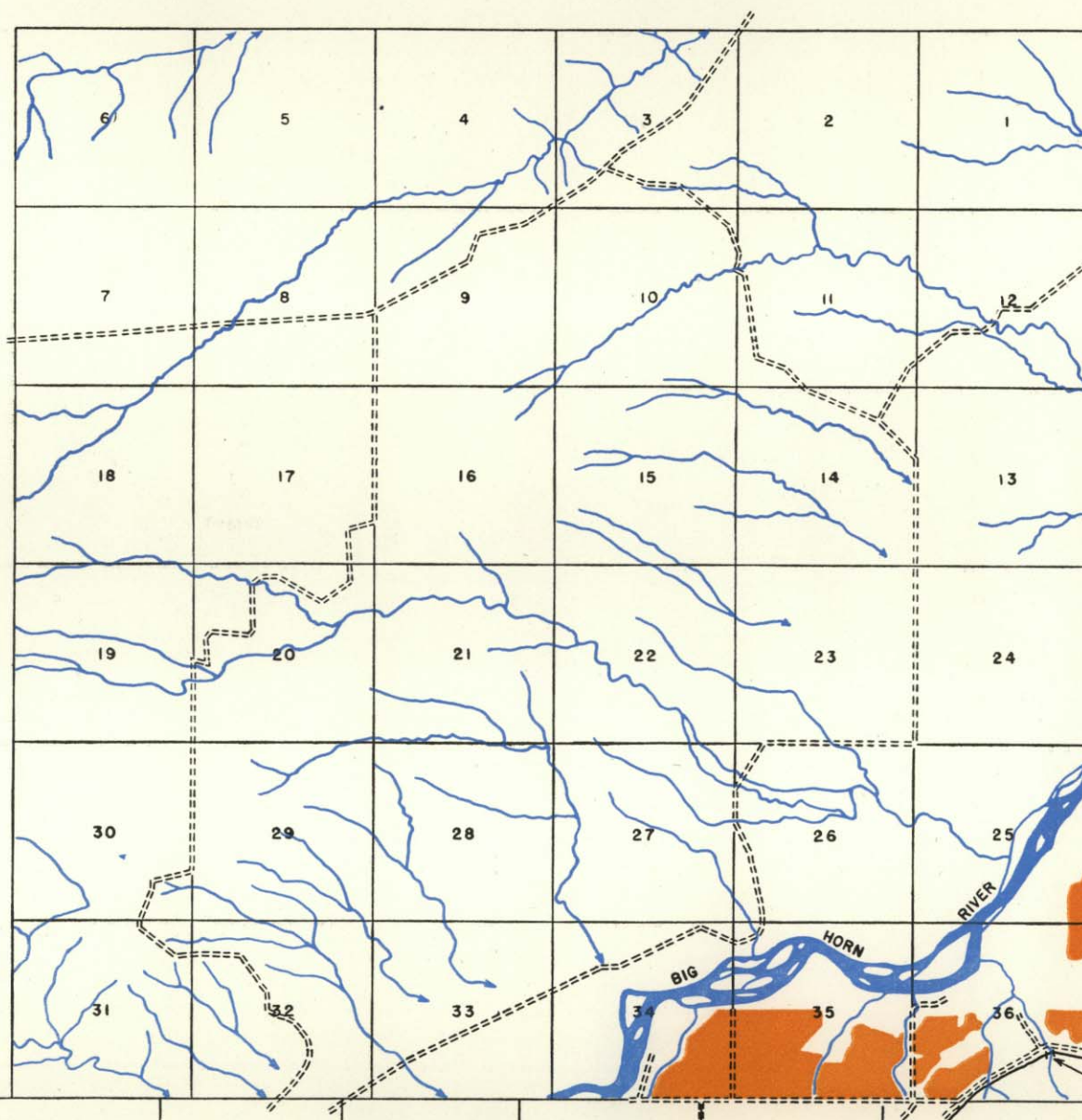
-  PRYOR CREEK DITCH
-  PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RAILROADS





LEGEND

- BIG HORN CANAL
- CANALS OR DITCHES
- COUNTY ROADS



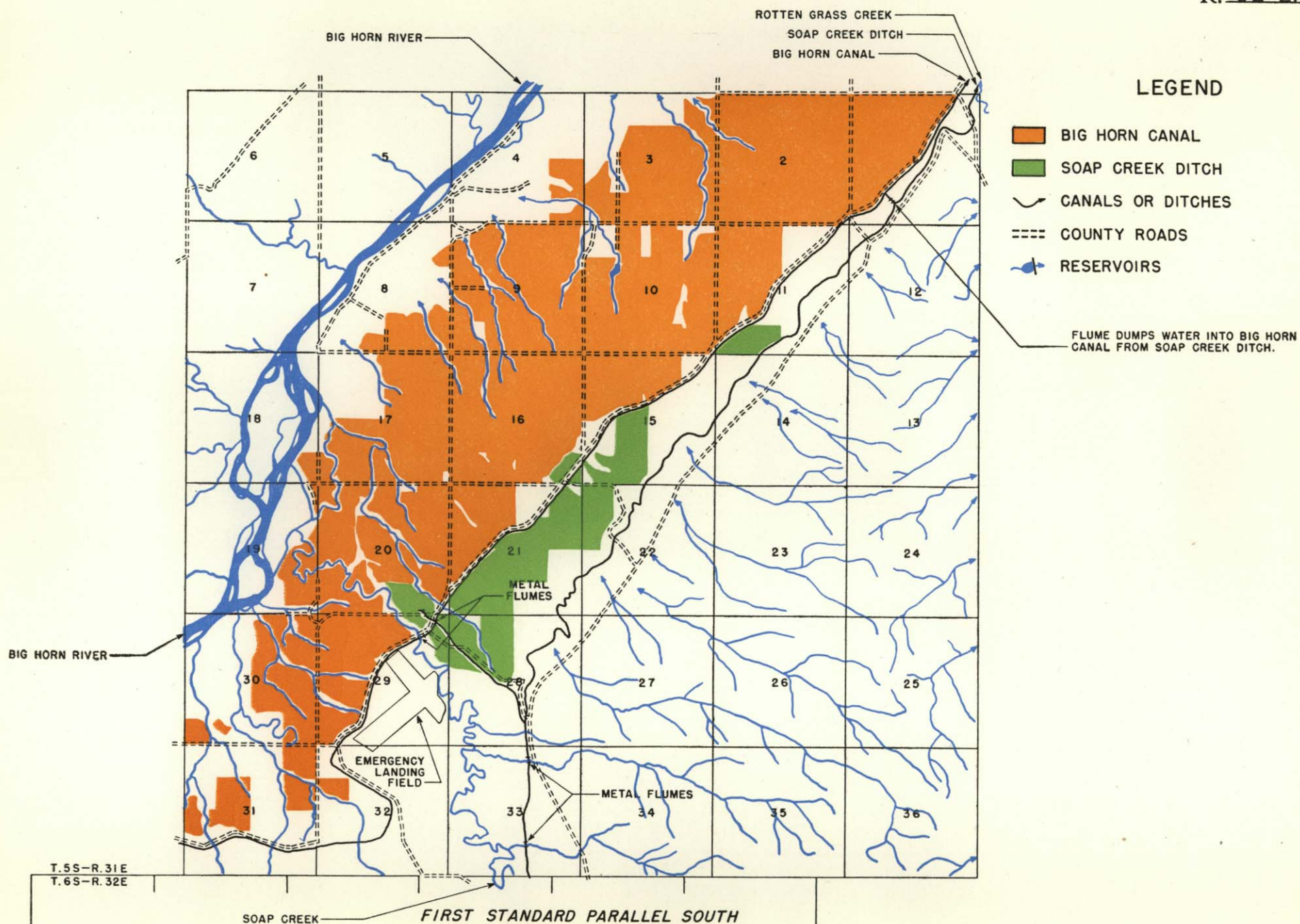
T. 5S-R. 30E
T. 6S-R. 31E

FIRST STANDARD PARALLEL SOUTH

BUFFALO CREEK GUIDE MERIDIAN

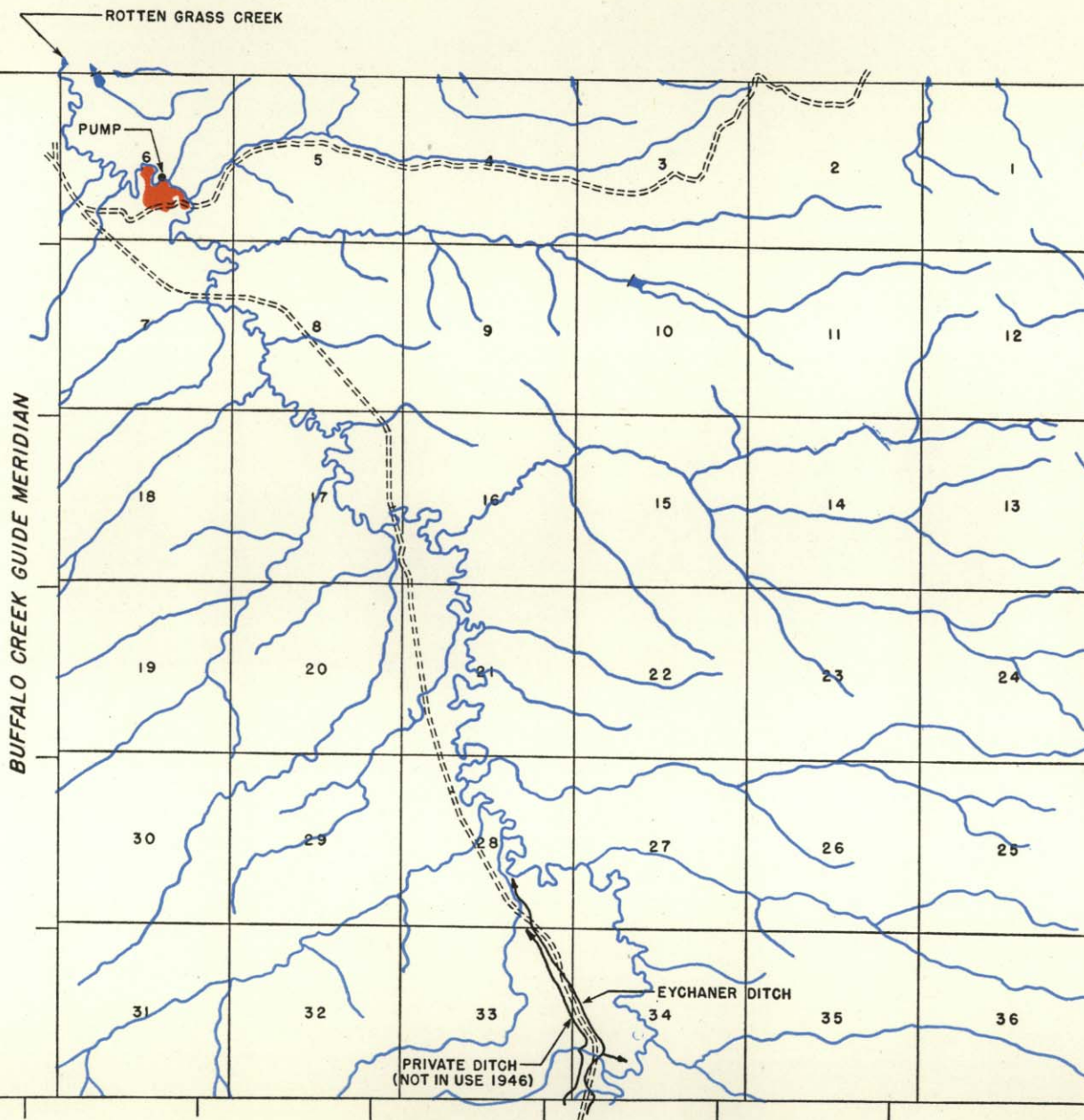
BIG HORN CANAL

METAL FLUME



LEGEND

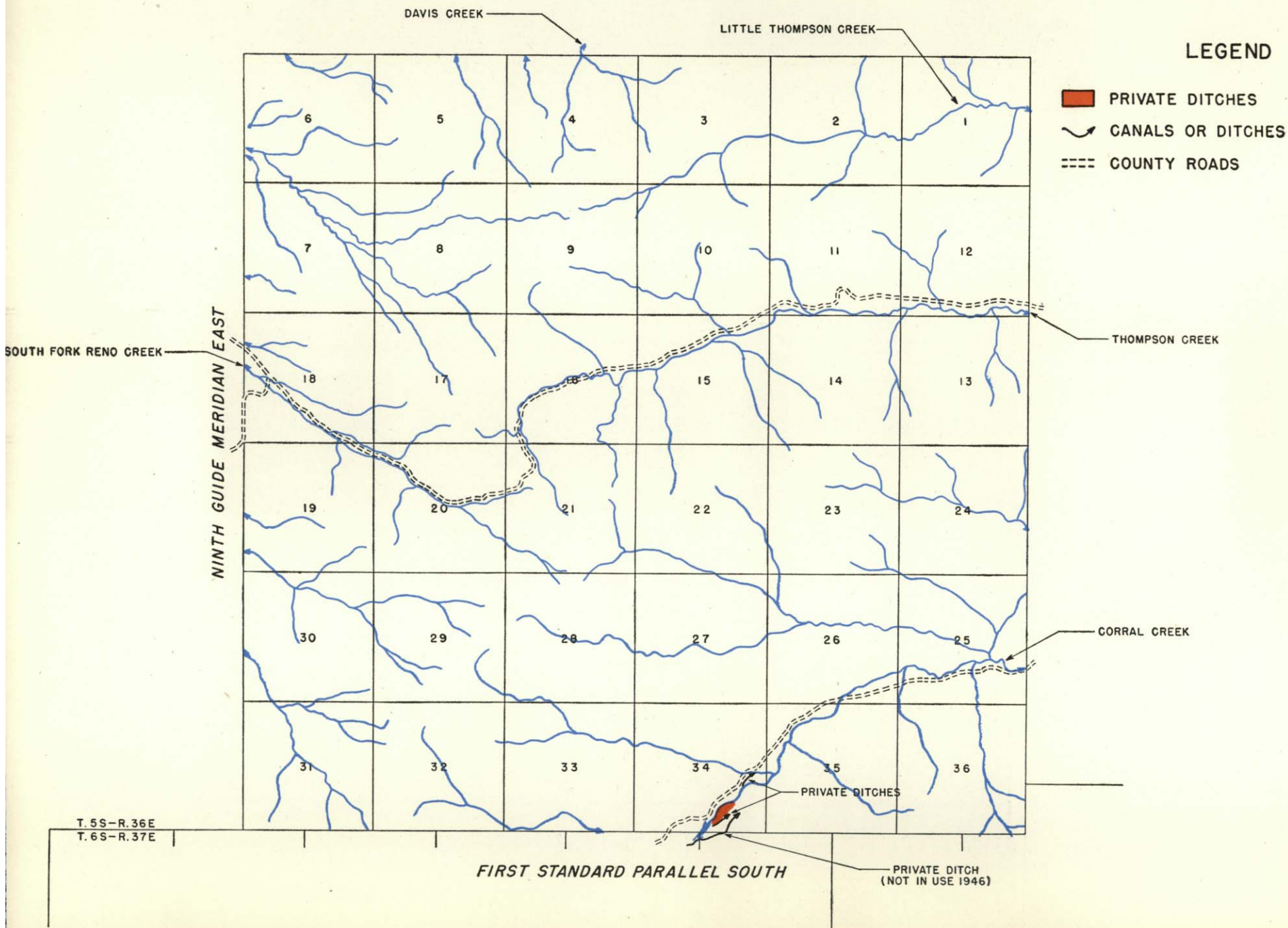
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

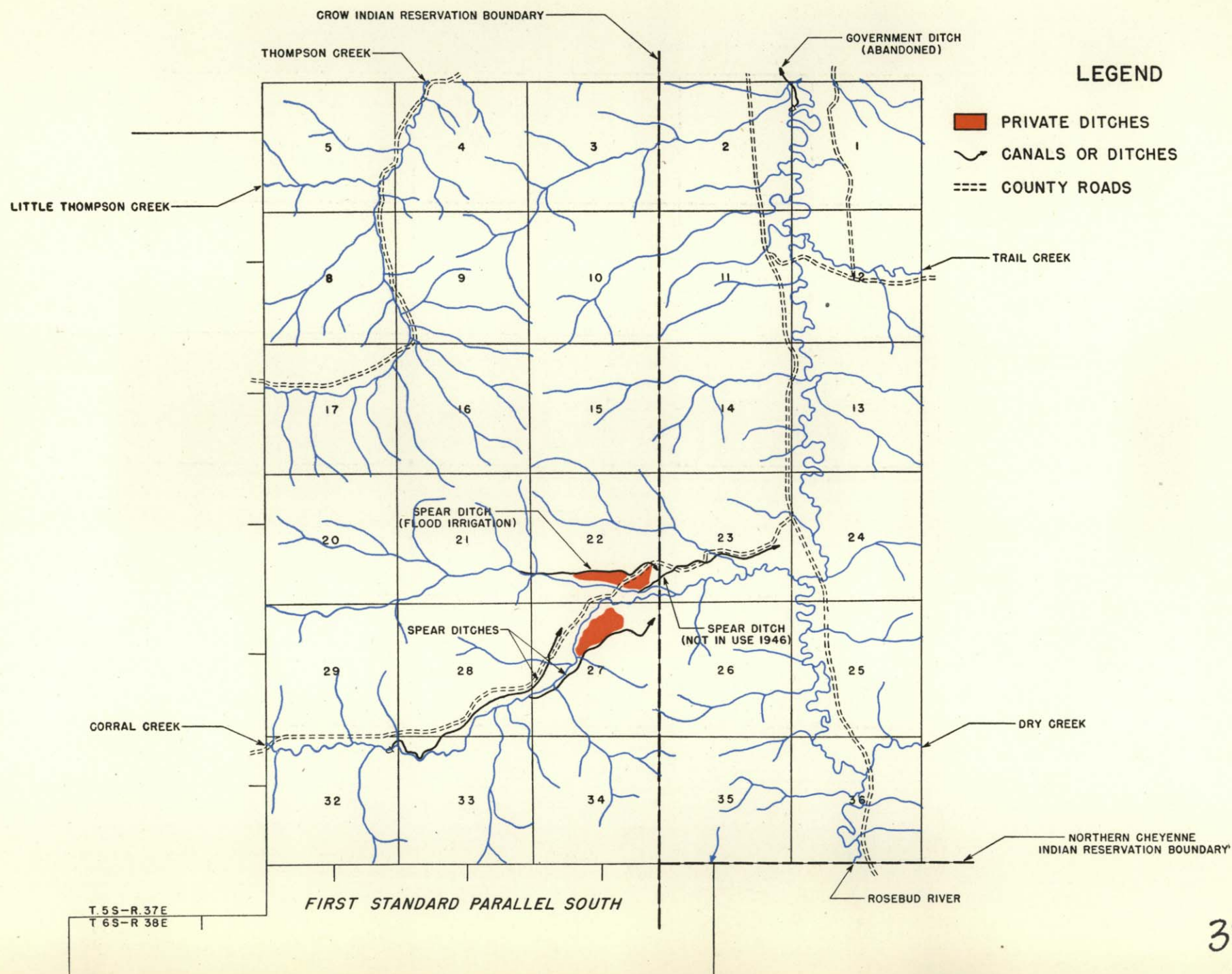


T. 5S-R. 32E
T. 6S-R. 33E

FIRST STANDARD PARALLEL SOUTH











FIRST STANDARD PARALLEL SOUTH

BIG HORN RIVER

BIG HORN CANAL

LEGEND

-  BIG HORN CANAL
-  PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS

GRAPEVINE CREEK

ARTESION WELL

SPRING

BIG HORN CANYON

PROPOSED YELLOWTAIL DAM
RESERVOIR CAPACITY—1,116,000 ACRE FT
RESERVOIR AREA—12,685 ACRES

PRIVATE DITCHES

DAM

DAM

PRIVATE DITCH

HEADGATE

BIG HORN CANAL

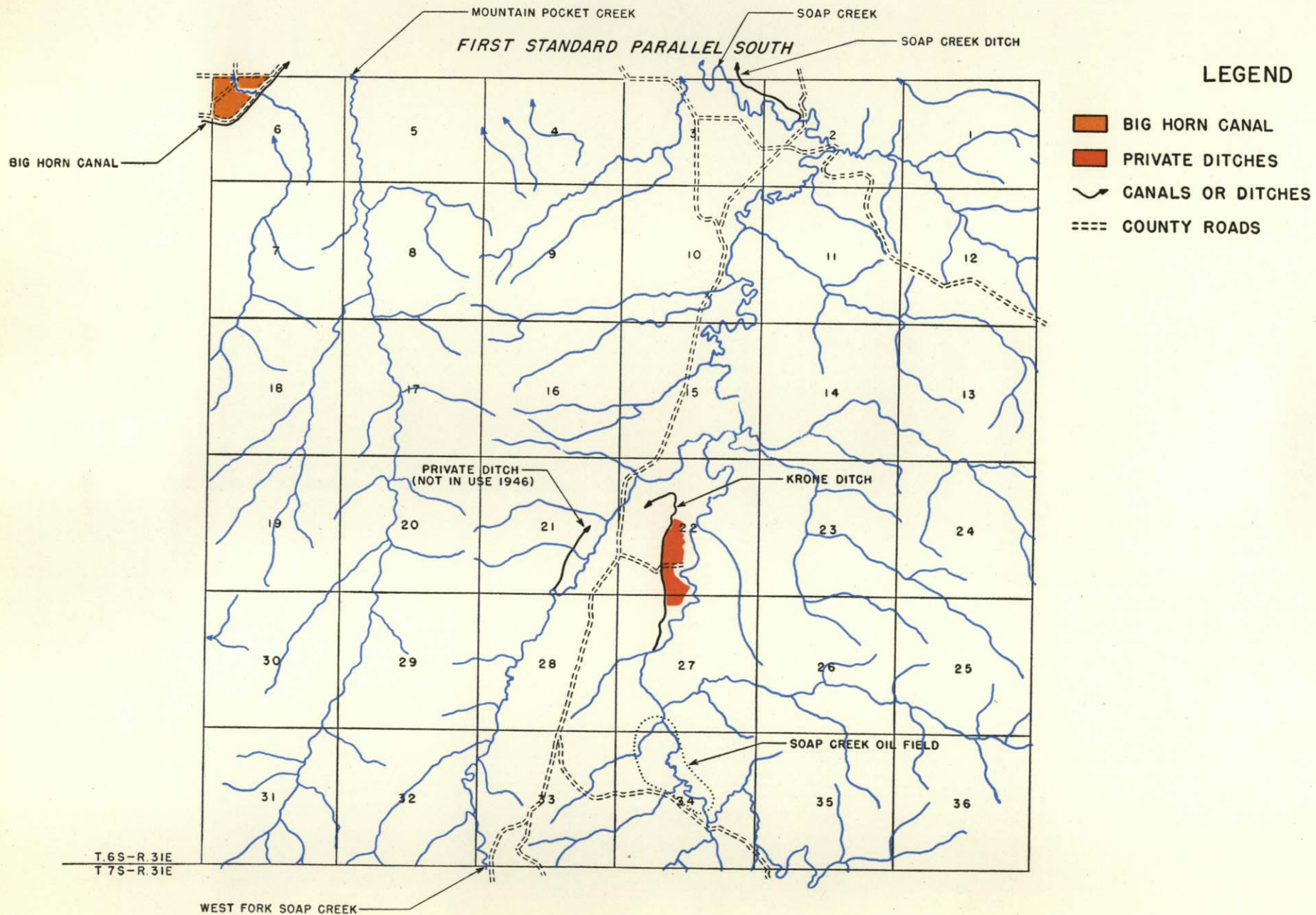
OLD FORT
C F SMITH

T. 6S—R. 30E

LIMEKILN CREEK

PRIVATE DITCH

WAR MAN CREEK






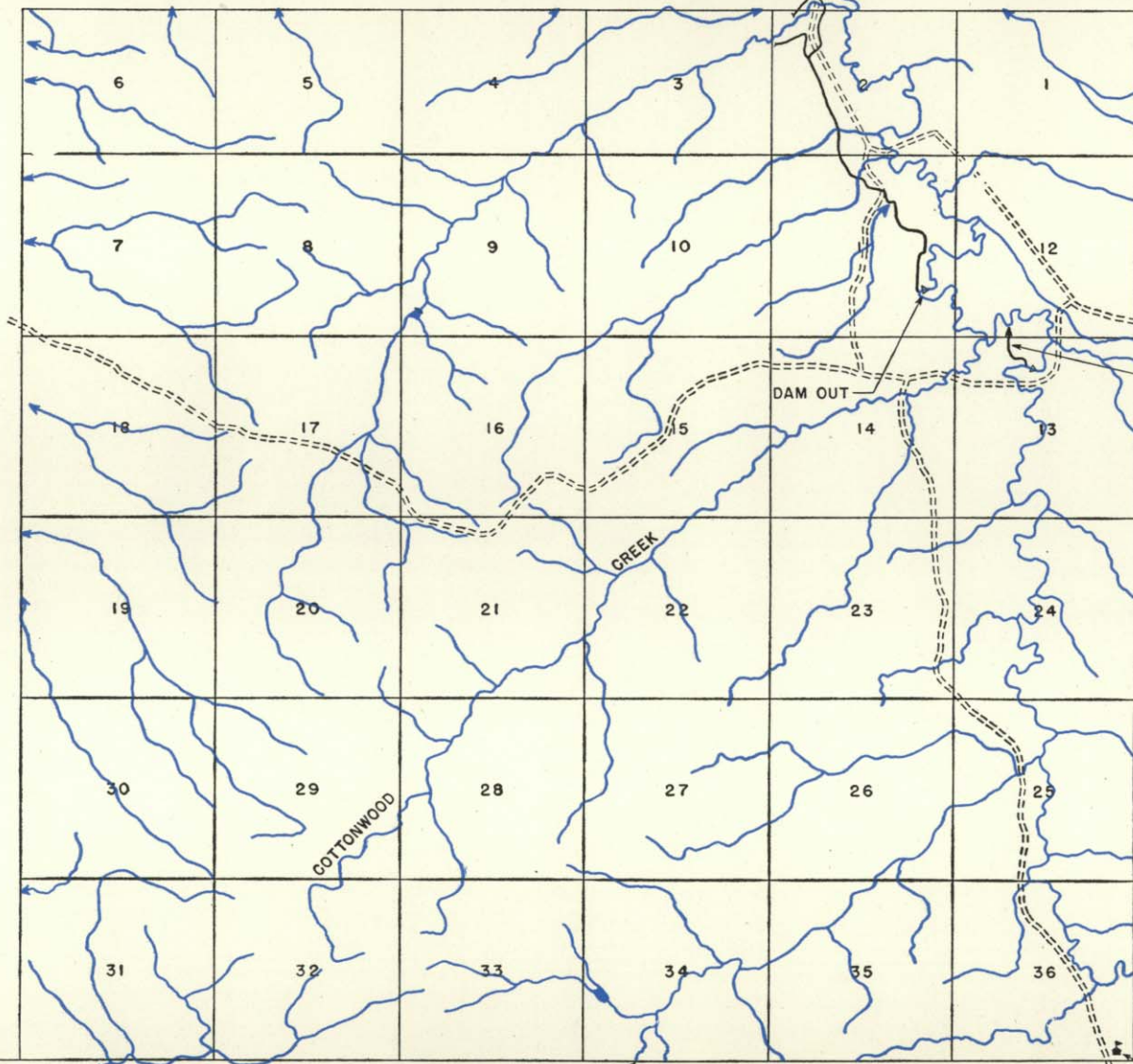
EYCHANER DITCH
(NOT IN USE 1946)

FIRST STANDARD PARALLEL SOUTH

ROTTEN GRASS CREEK

LEGEND

-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS



PRIVATE DITCH
(NOT IN USE 1946)

ROTTEN GRASS CREEK

SCHOOL

ASH COULEE

T. 6S-R. 32E
T. 7S-R. 32E

FIRST STANDARD PARALLEL SOUTH

LEGEND

CANALS OR DITCHES

COUNTY ROADS

RESERVOIRS

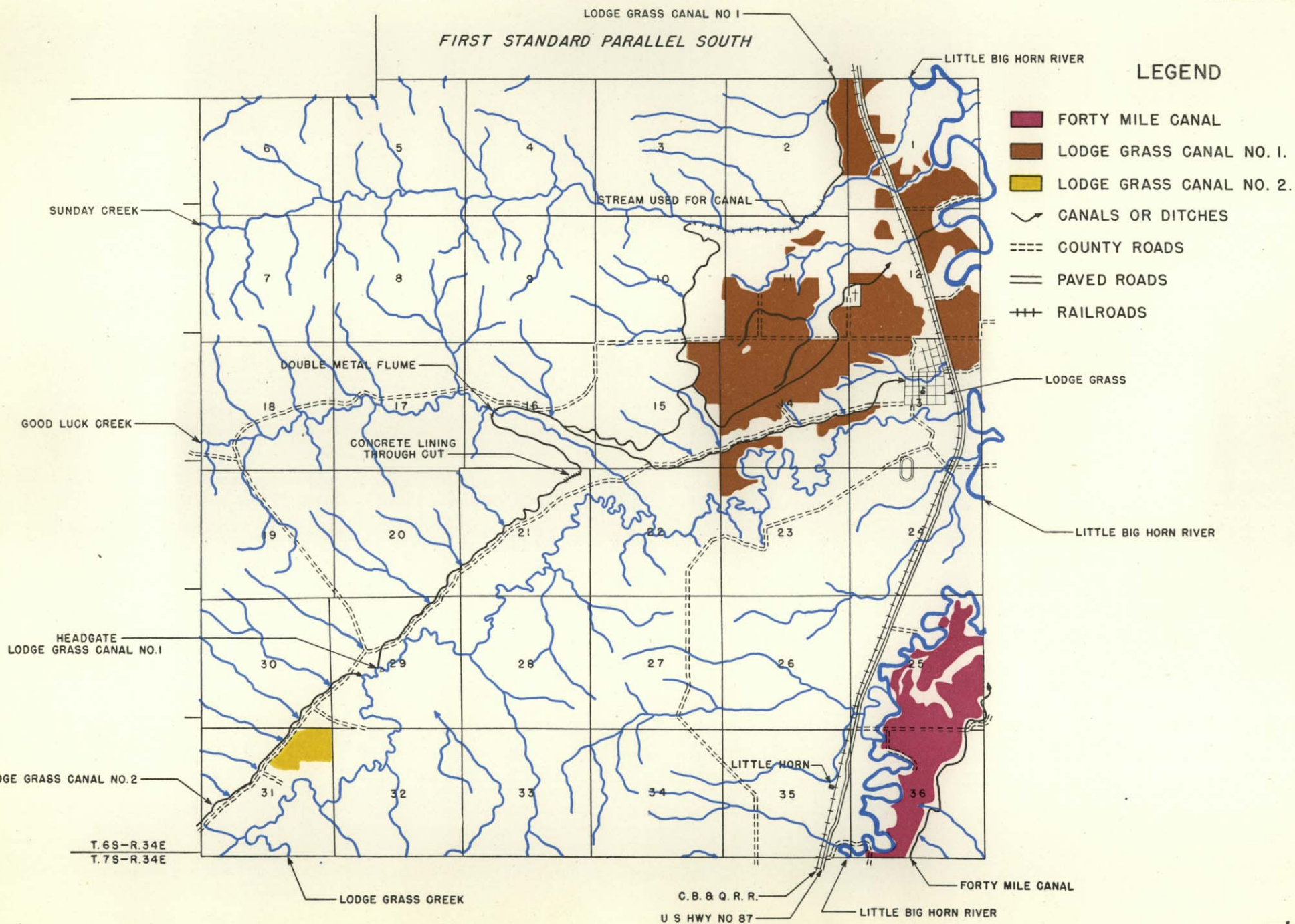
SUNDAY CREEK

GOOD LUCK CREEK

ROTTEN GRASS CREEK

LODGE GRASS CANAL NO. 2.

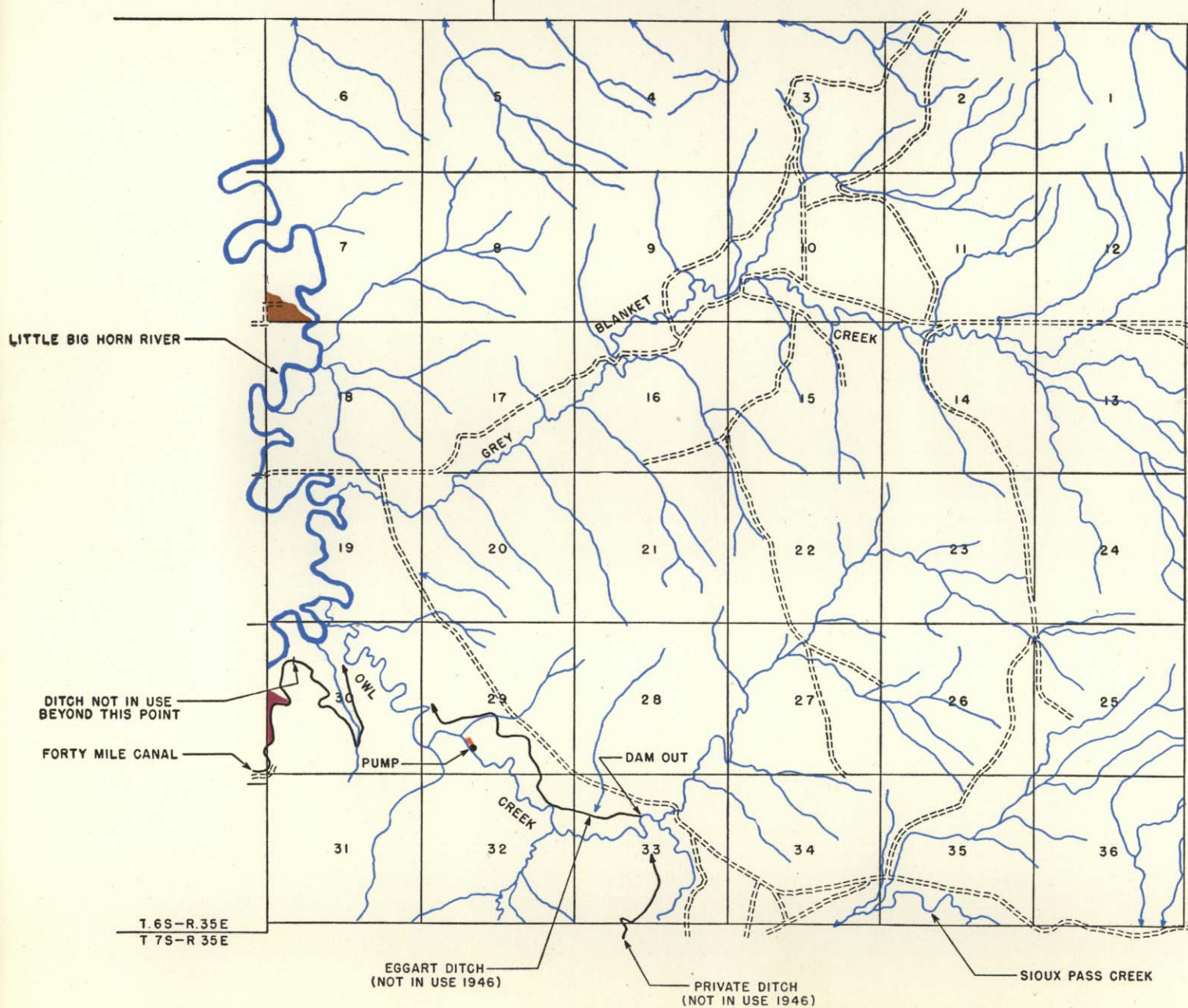
T. 6S—R. 33E
T. 7S—R. 33E

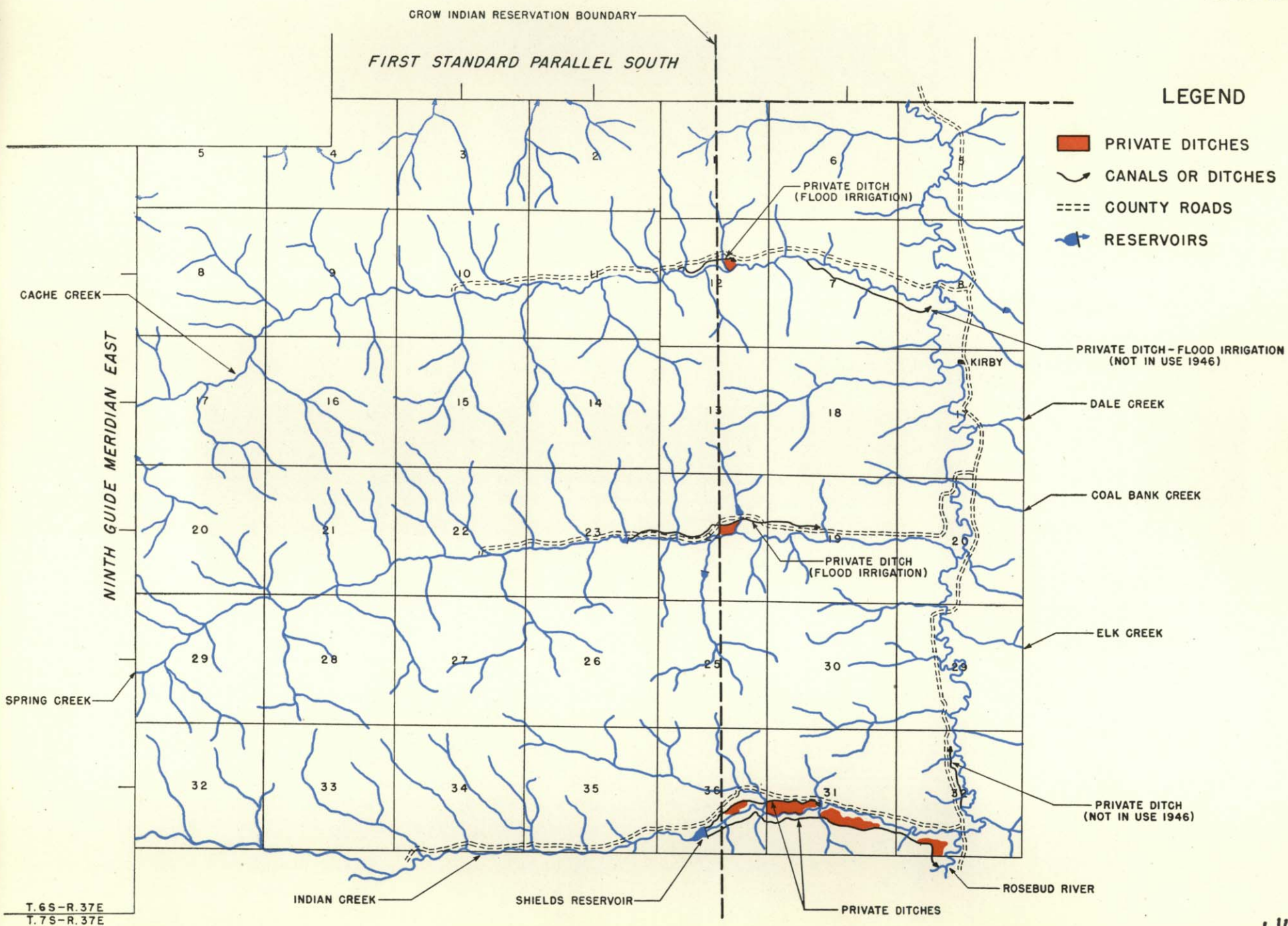


FIRST STANDARD PARALLEL SOUTH

LEGEND

- FORTY MILE CANAL
- LODGE GRASS CANAL NO. 1.
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS

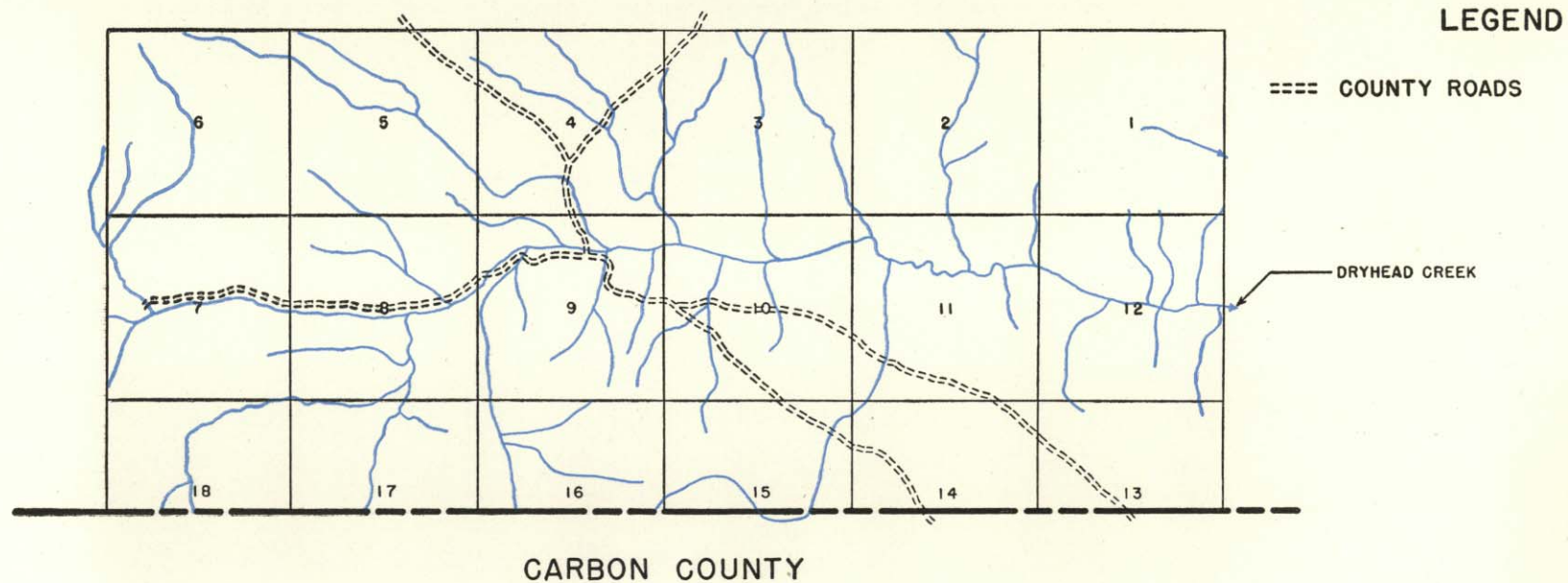


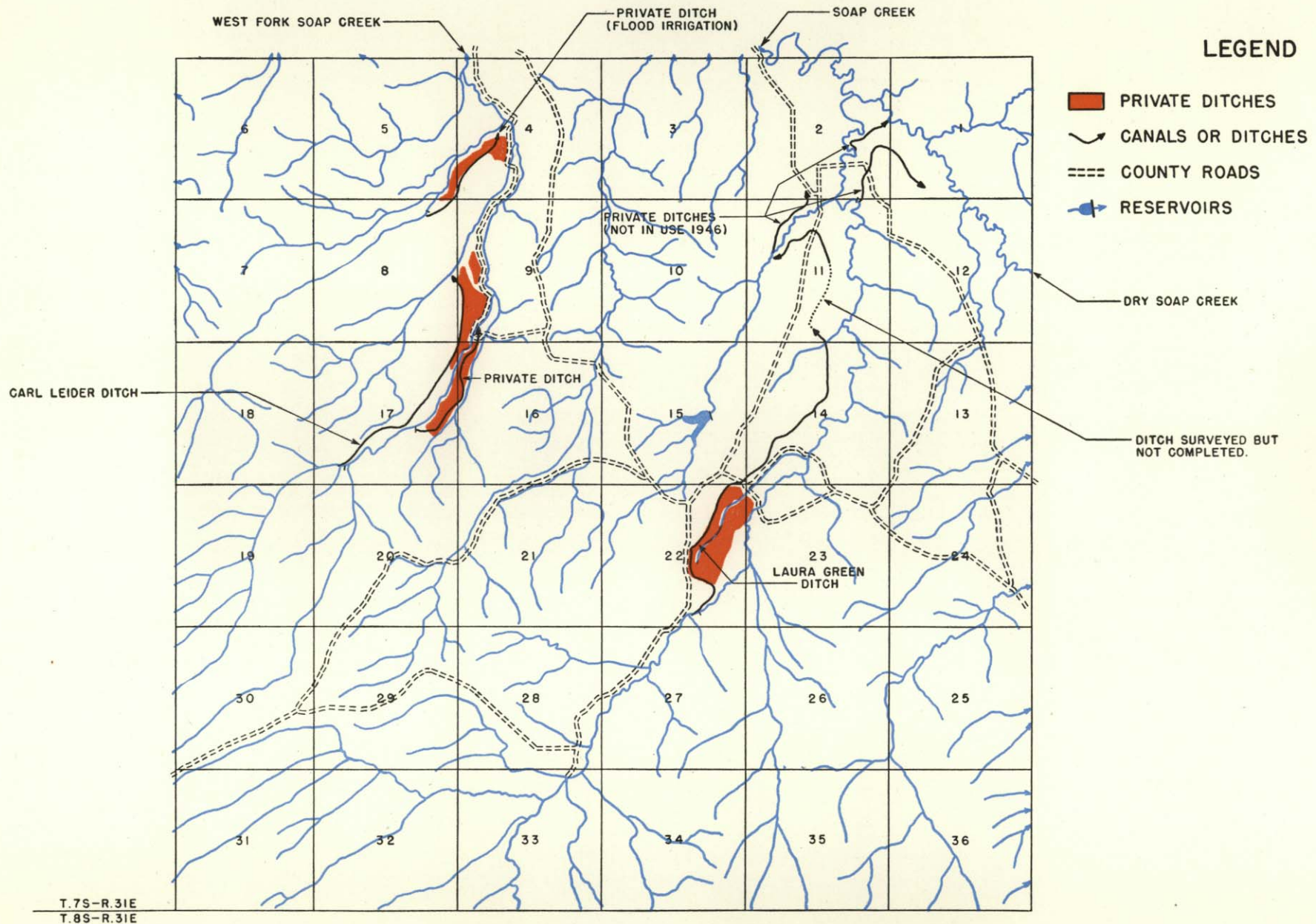


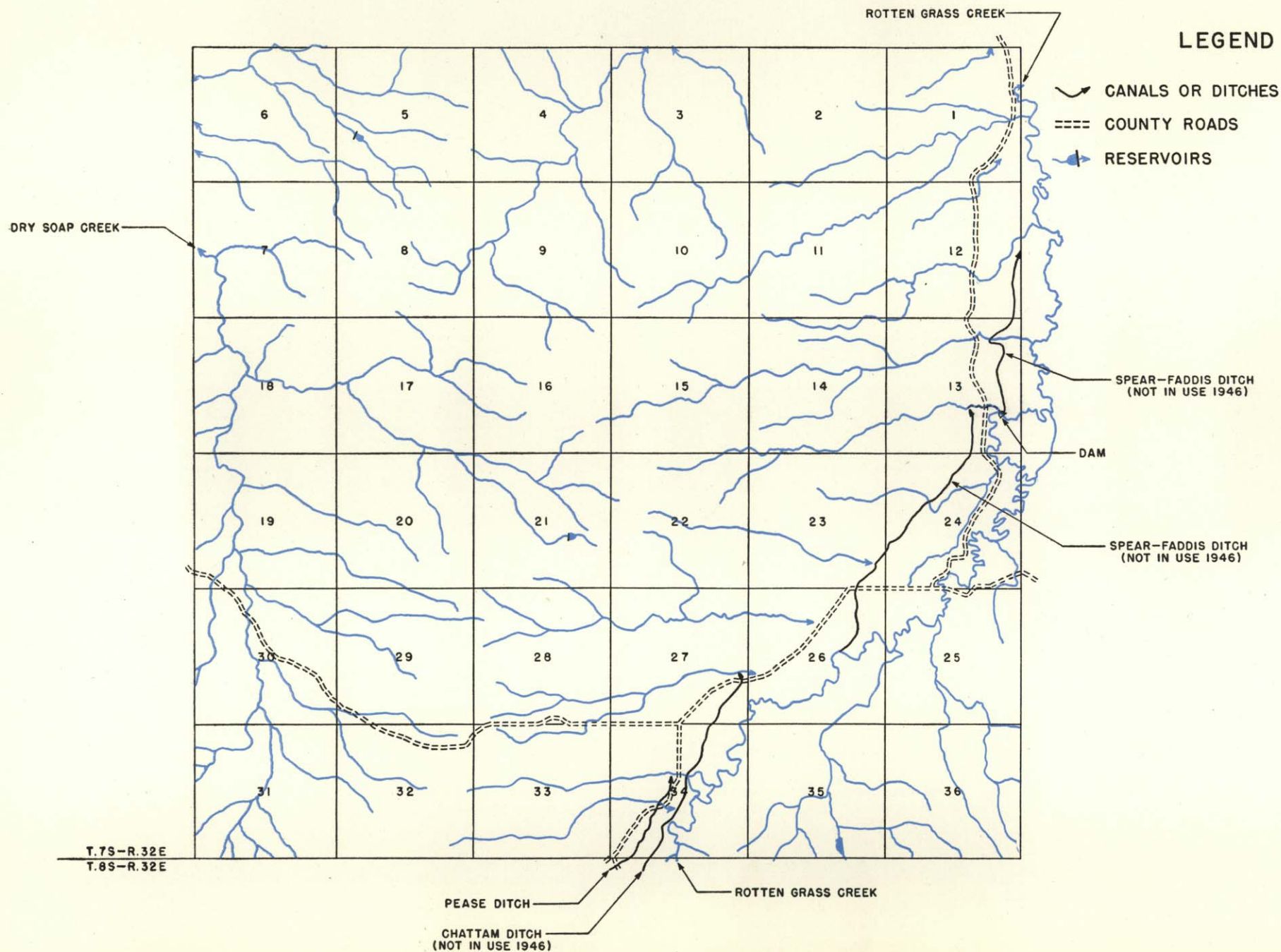


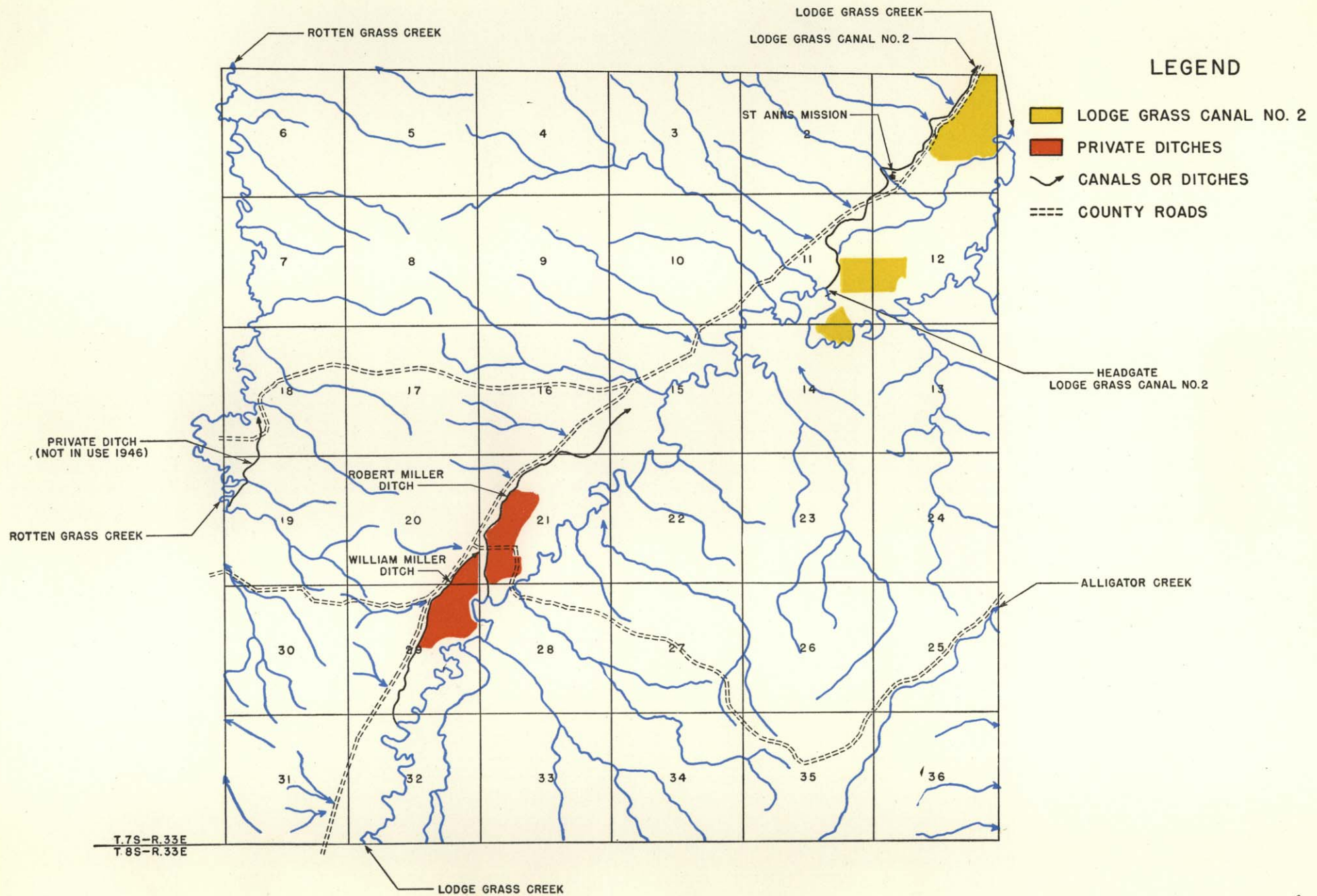
Township No. 7 SOUTH Range No. 28 EAST County BIG HORN

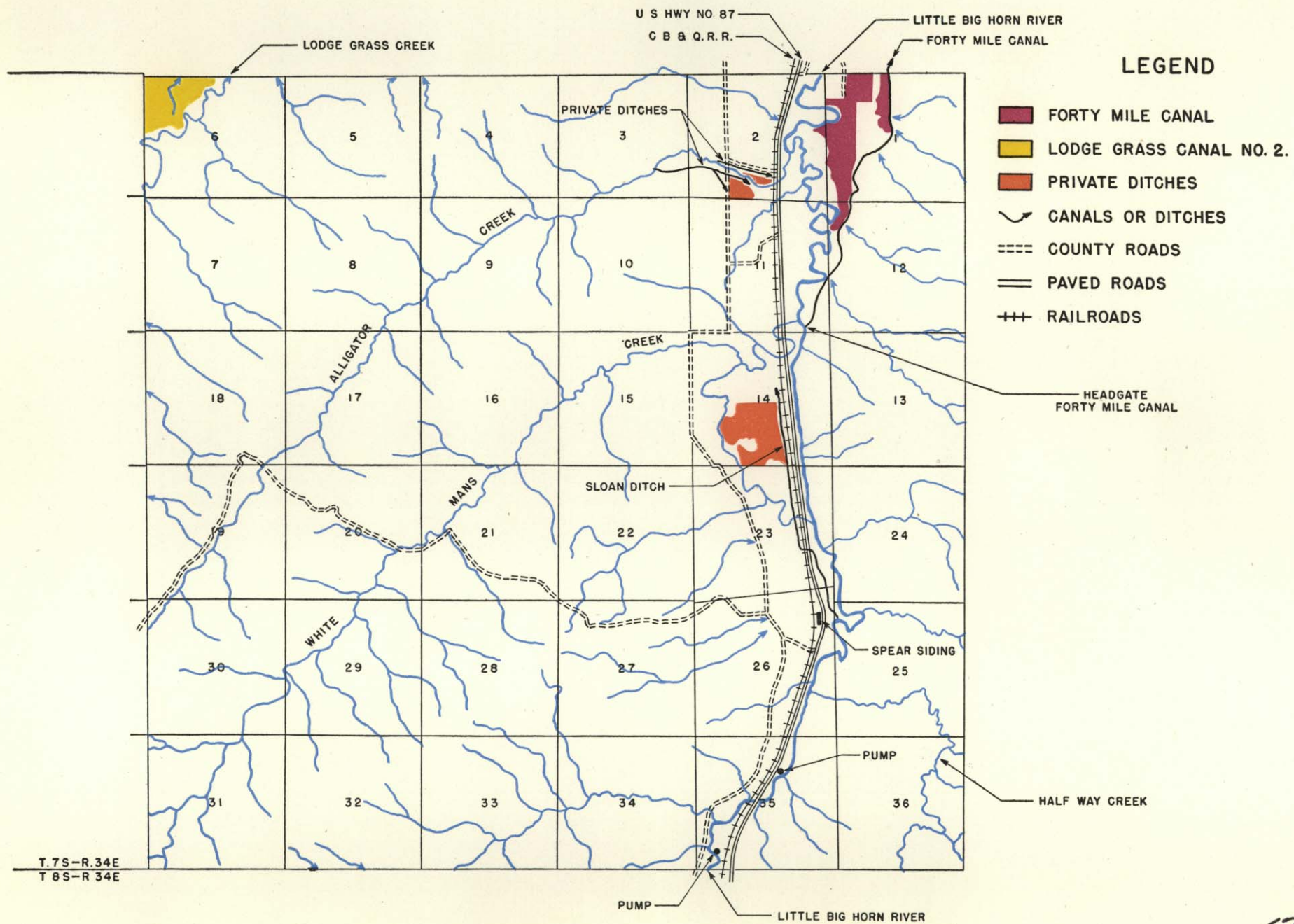
T. 7 SOUTH
R. 28 EAST

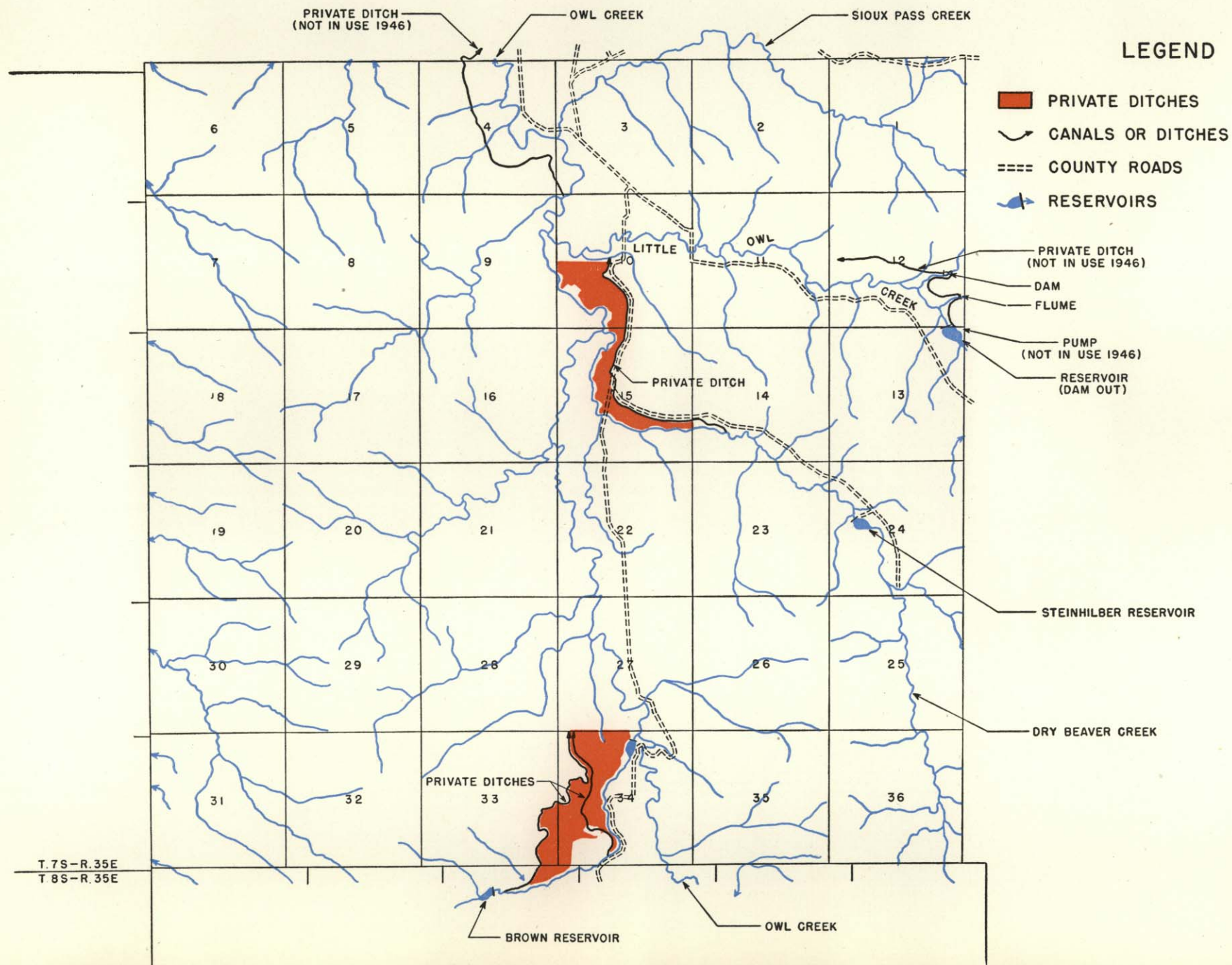






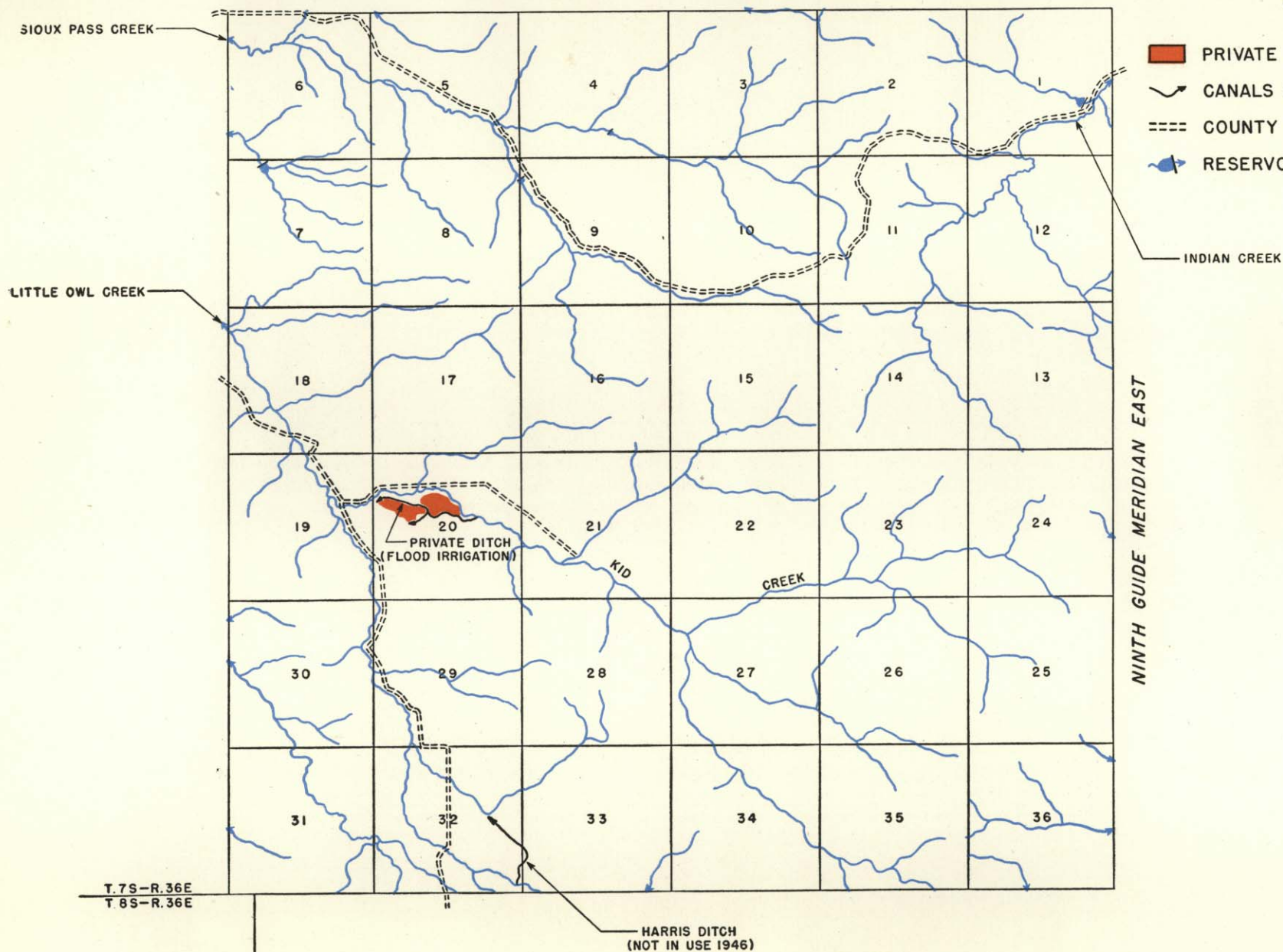


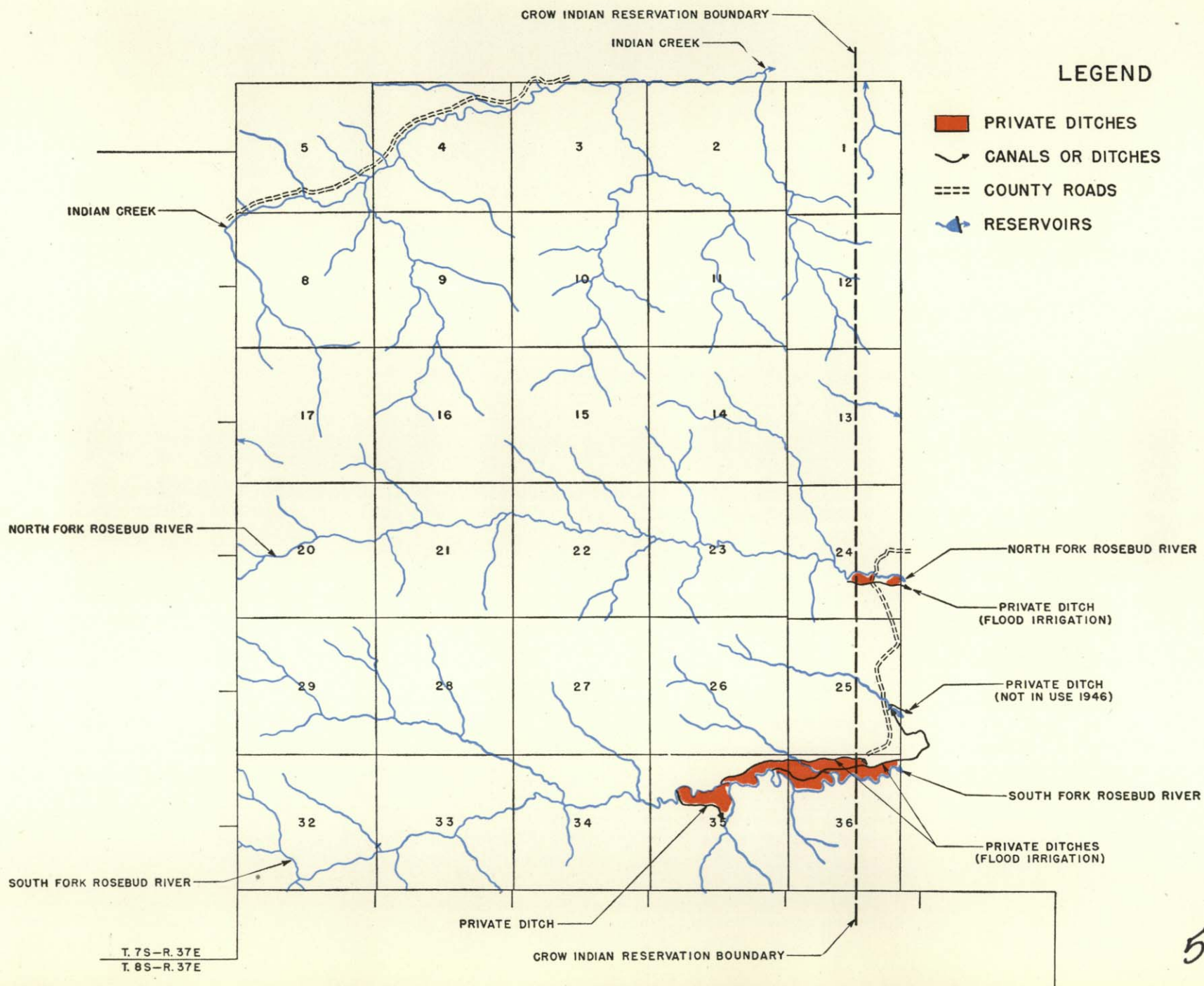


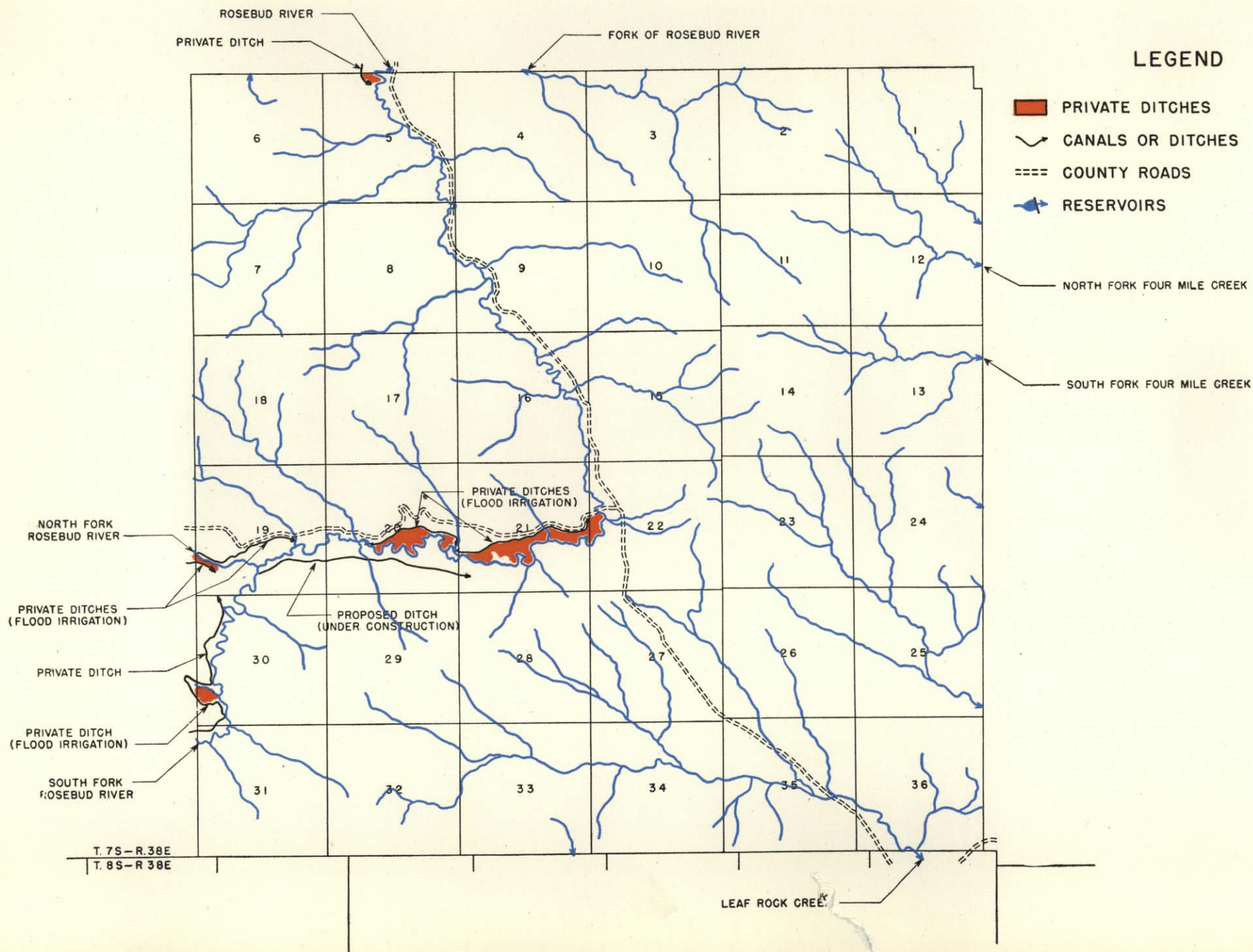


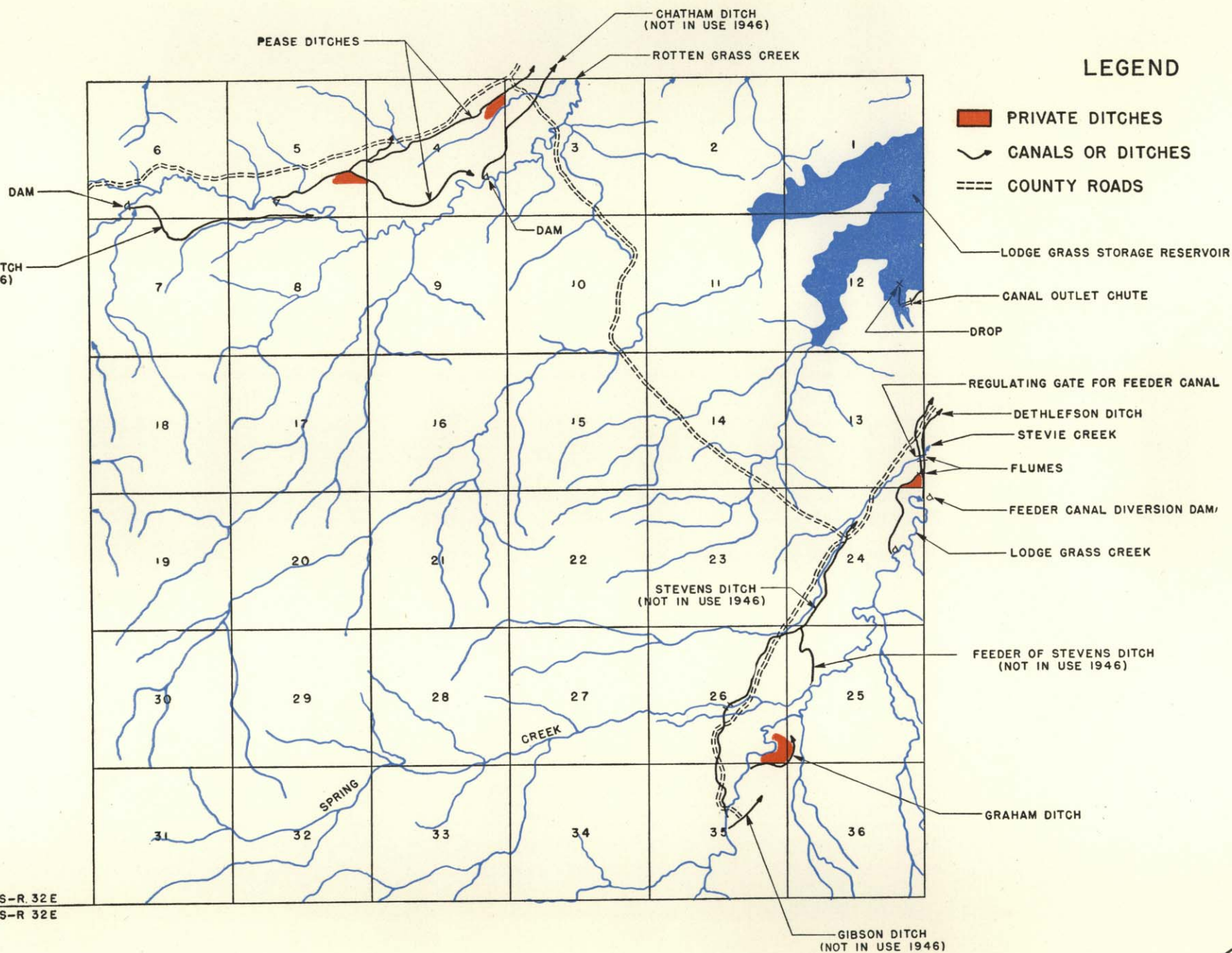
LEGEND

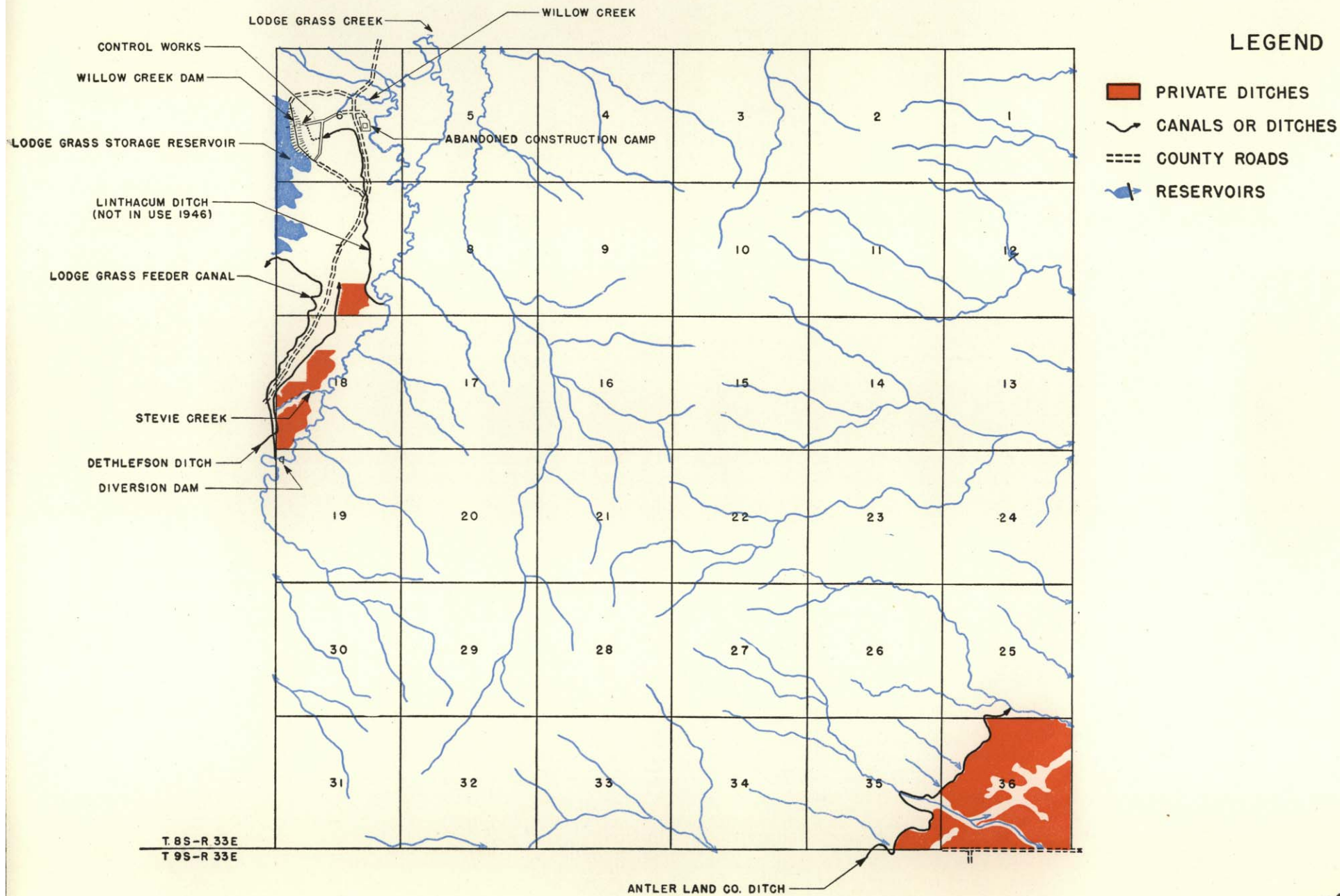
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS

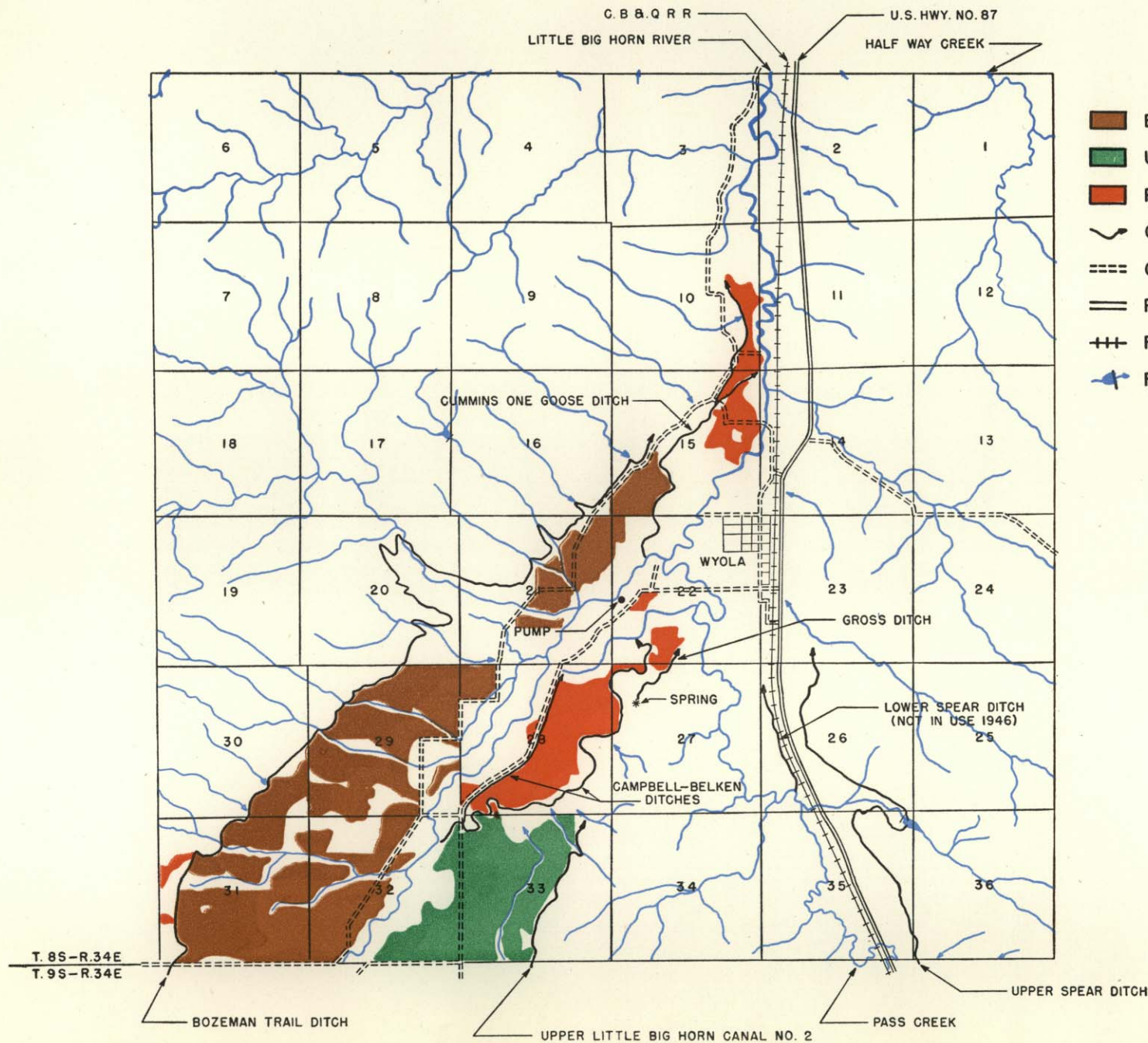


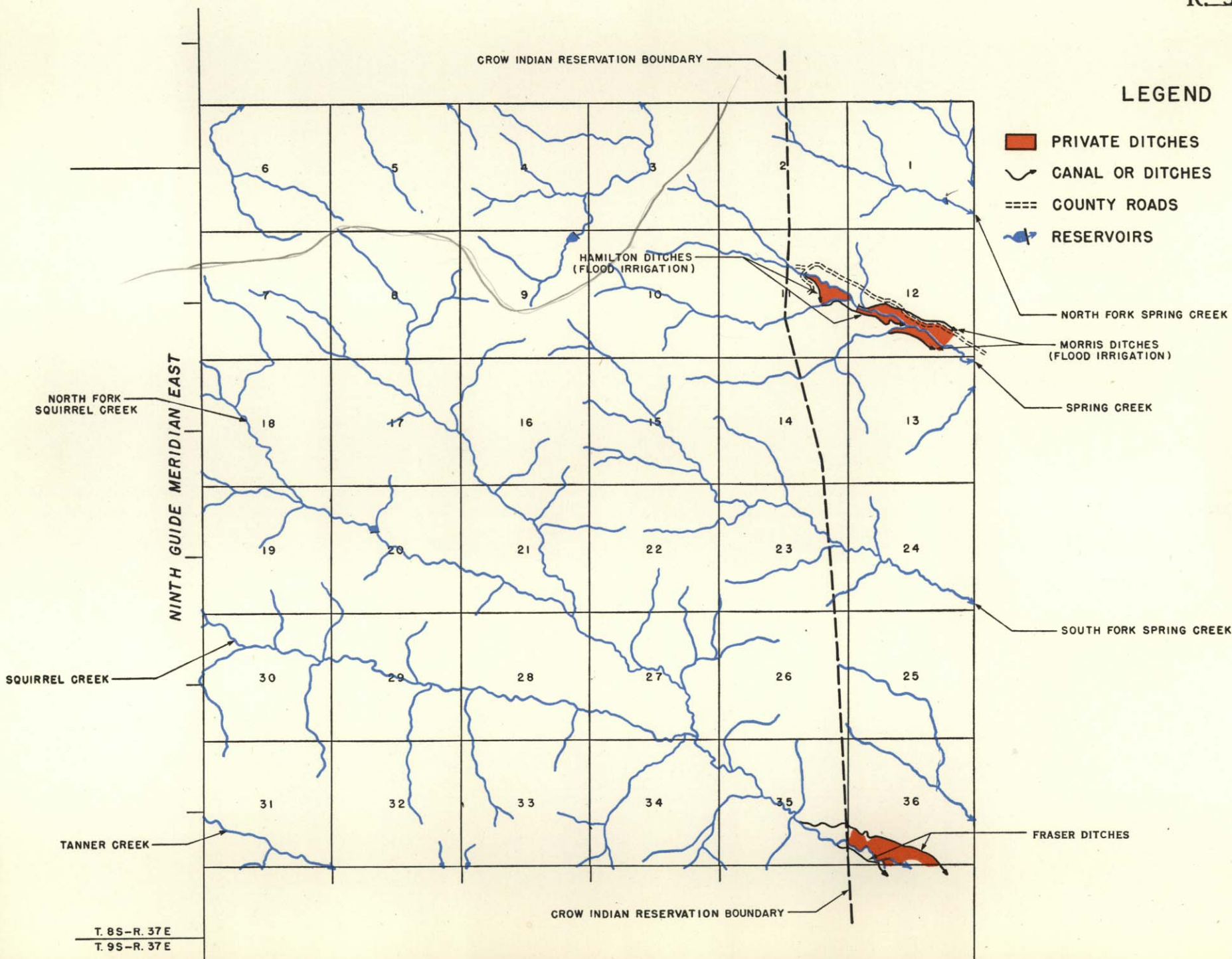
















60

LEGEND

-  PRIVATE DITCHES
-  CANALS OR DITCHES
-  COUNTY ROADS
-  RESERVOIRS

NORTH FORK SPRING CREEK

SPRING CREEK

SOUTH FORK SPRING CREEK

T. 8 S - R. 38 E
T. 9 S - R. 38 E

SQUIRREL CREEK

PRIVATE DITCH
(FLOOD IRRIGATION)

NORTH FORK MONUMENT CREEK

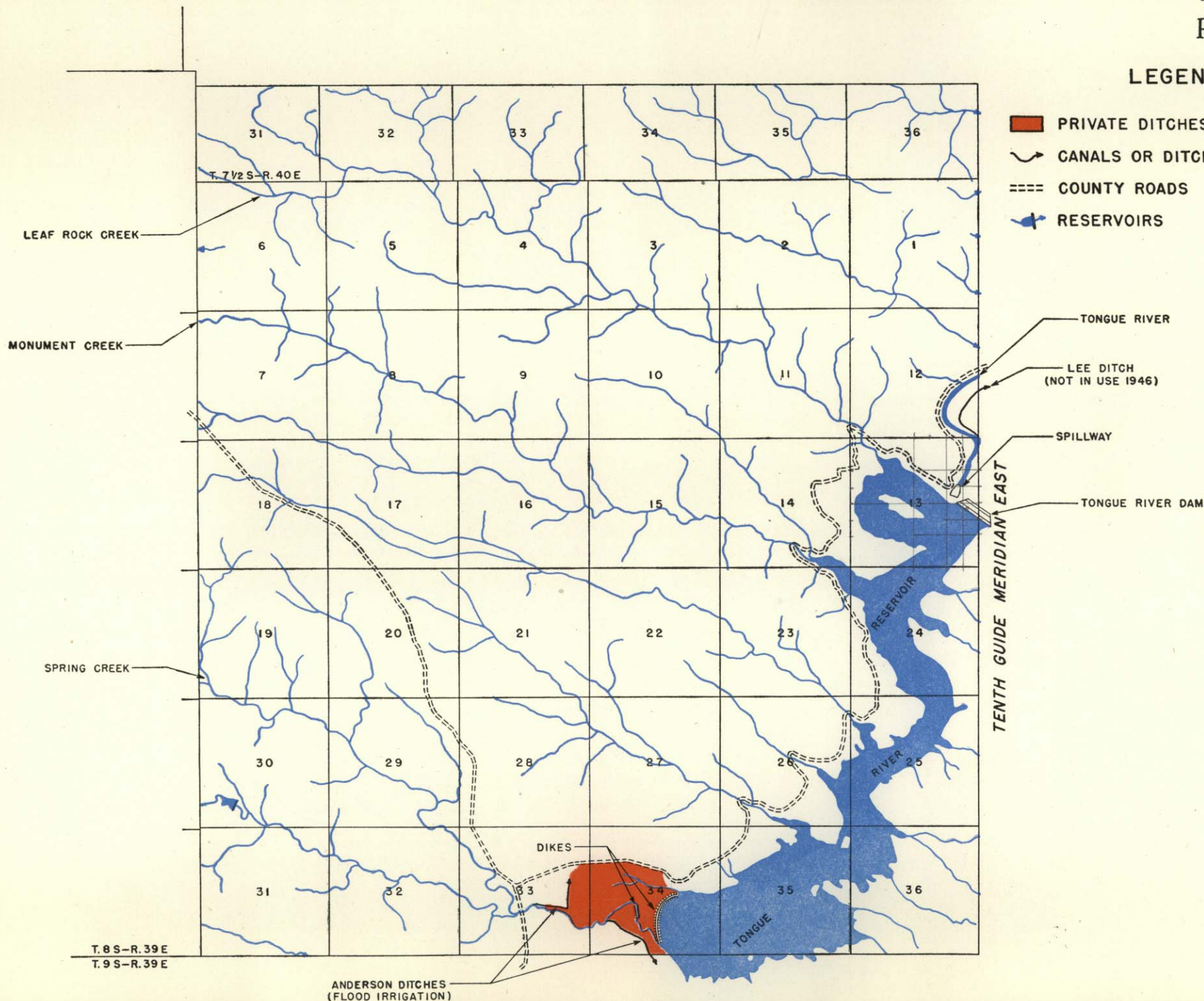
MONUMENT CREEK

SPRING CREEK

SOUTH FORK SPRING CREEK

LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS



Township No. 8 SOUTH

Range No. 41 EAST

County BIG HORN

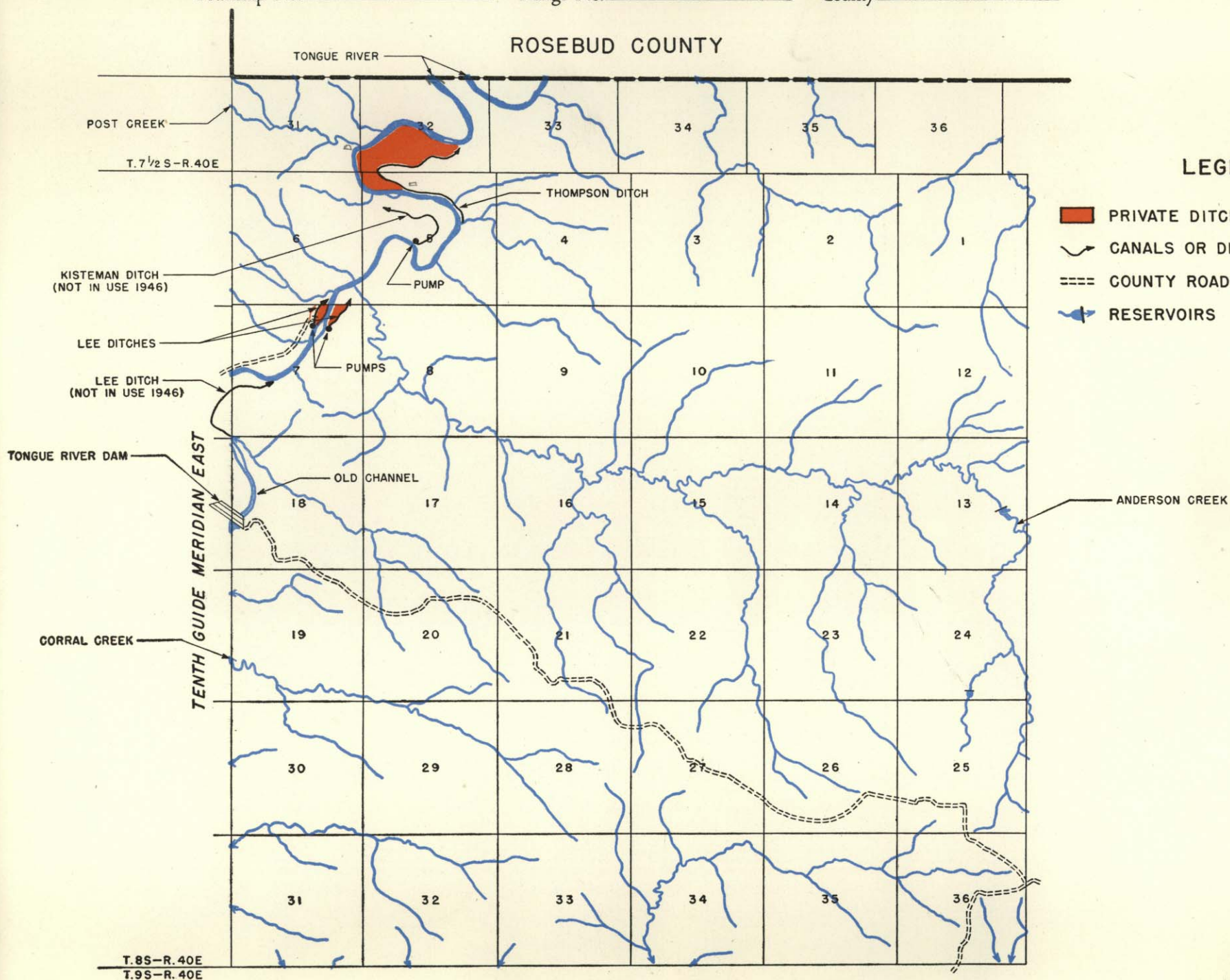
T. 8 SOUTH

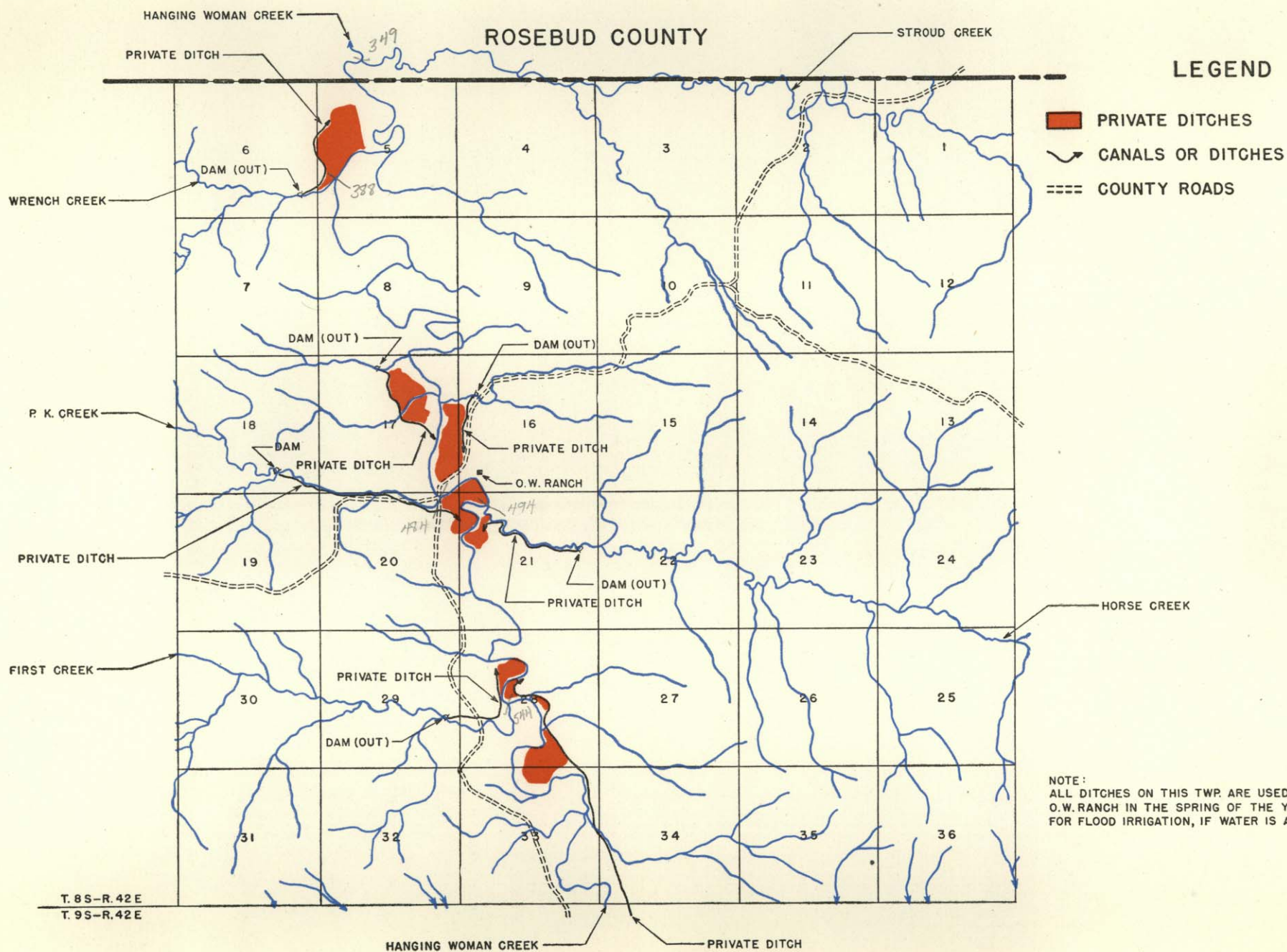
R. 41 EAST

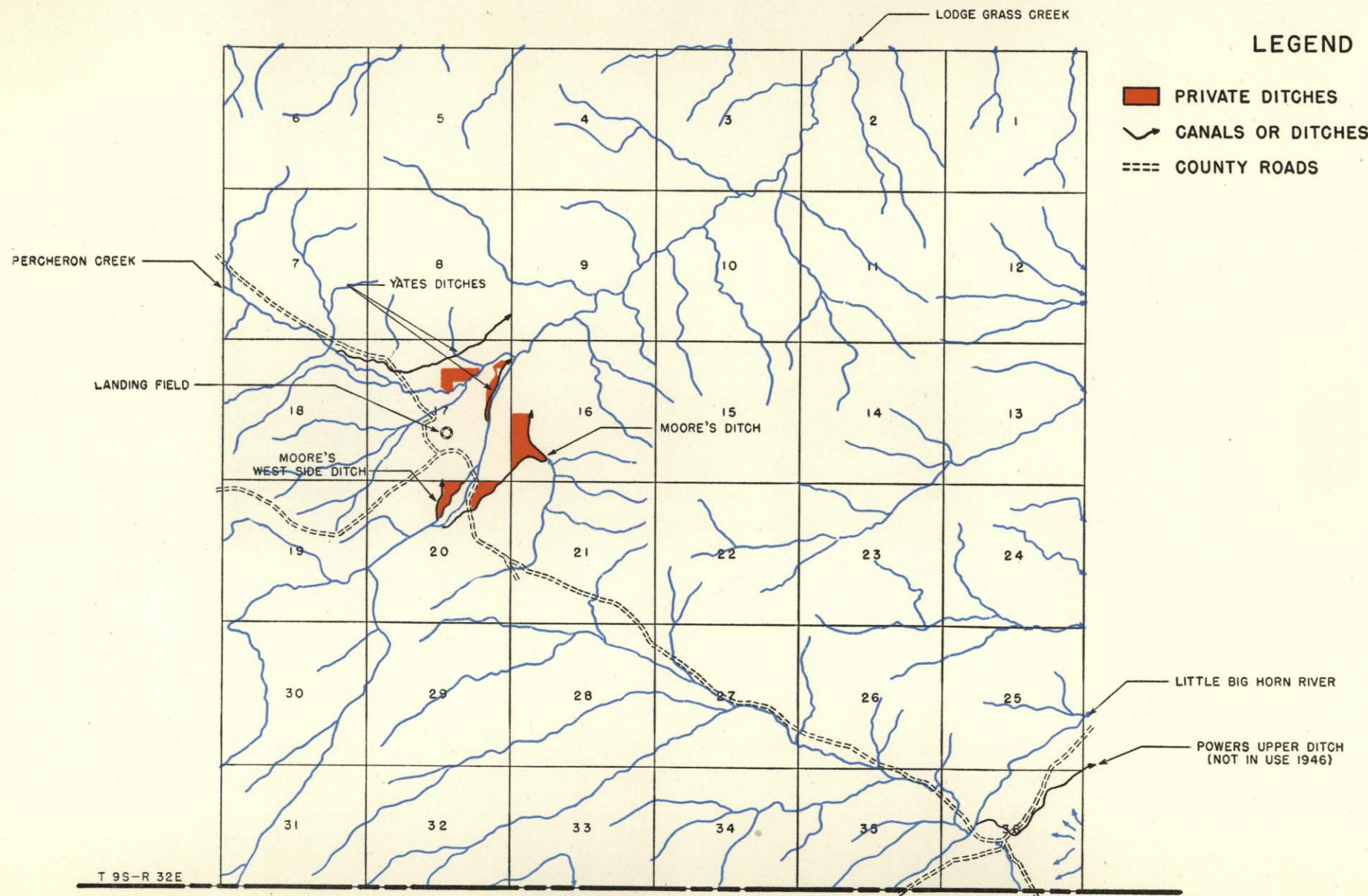
ROSEBUD COUNTY

LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS



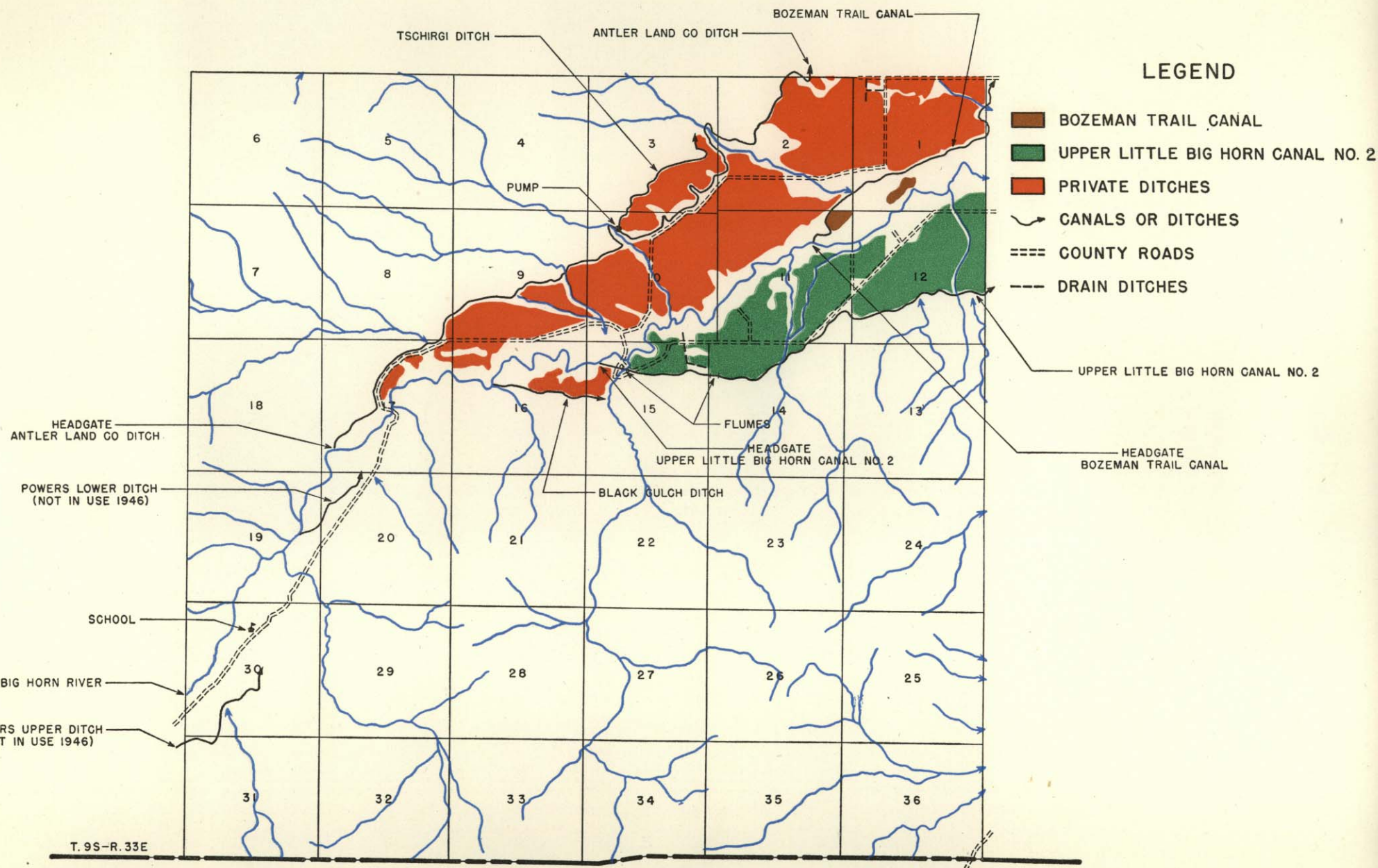




STATE OF WYOMING

LEGEND

- BOZEMAN TRAIL CANAL
- UPPER LITTLE BIG HORN CANAL NO. 2
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- DRAIN DITCHES



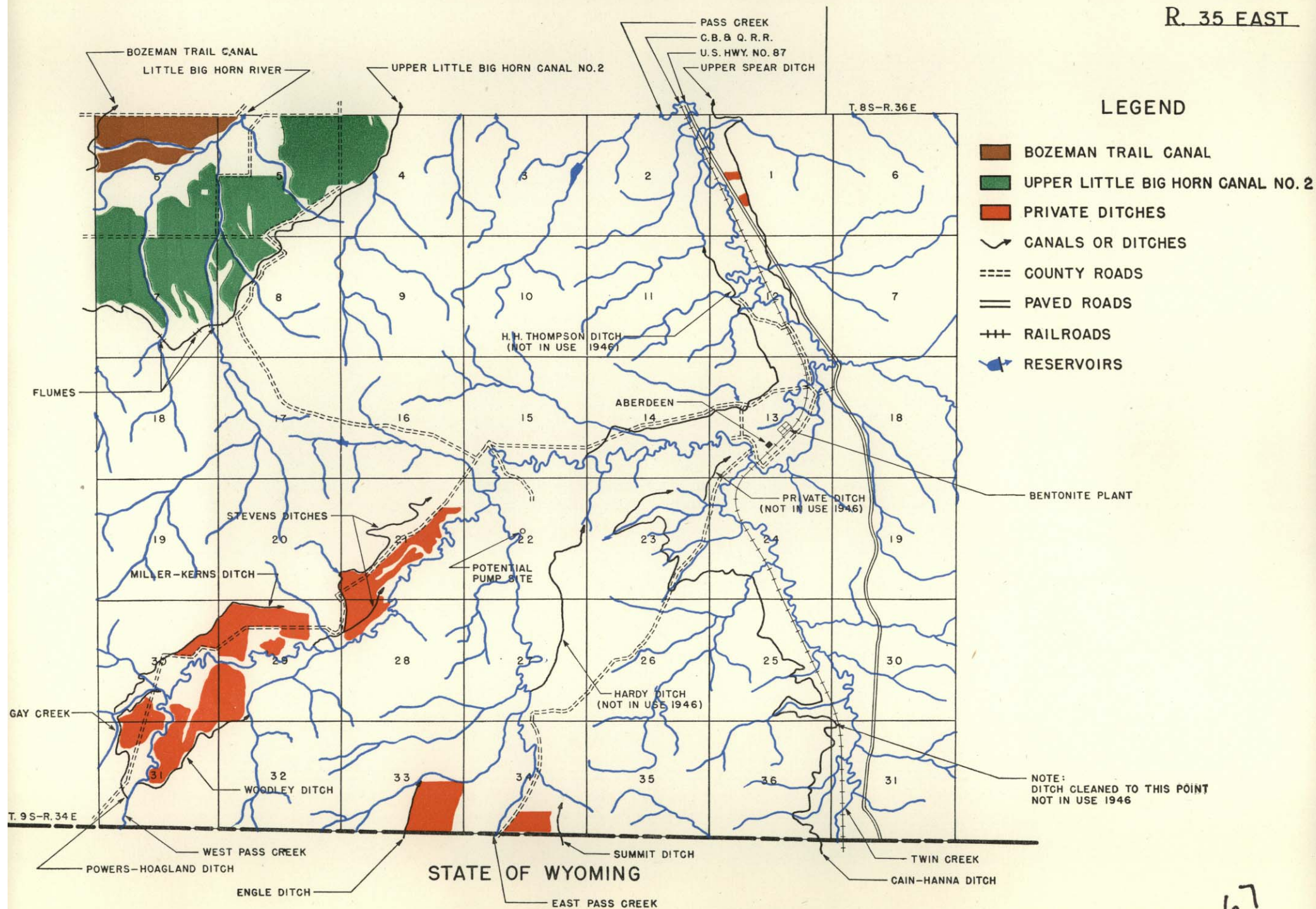
LEGEND

- BOZEMAN TRAIL CANAL
- UPPER LITTLE BIG HORN CANAL NO. 2
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- PAVED ROADS
- +

+

+

 RAILROADS
- RESERVOIRS



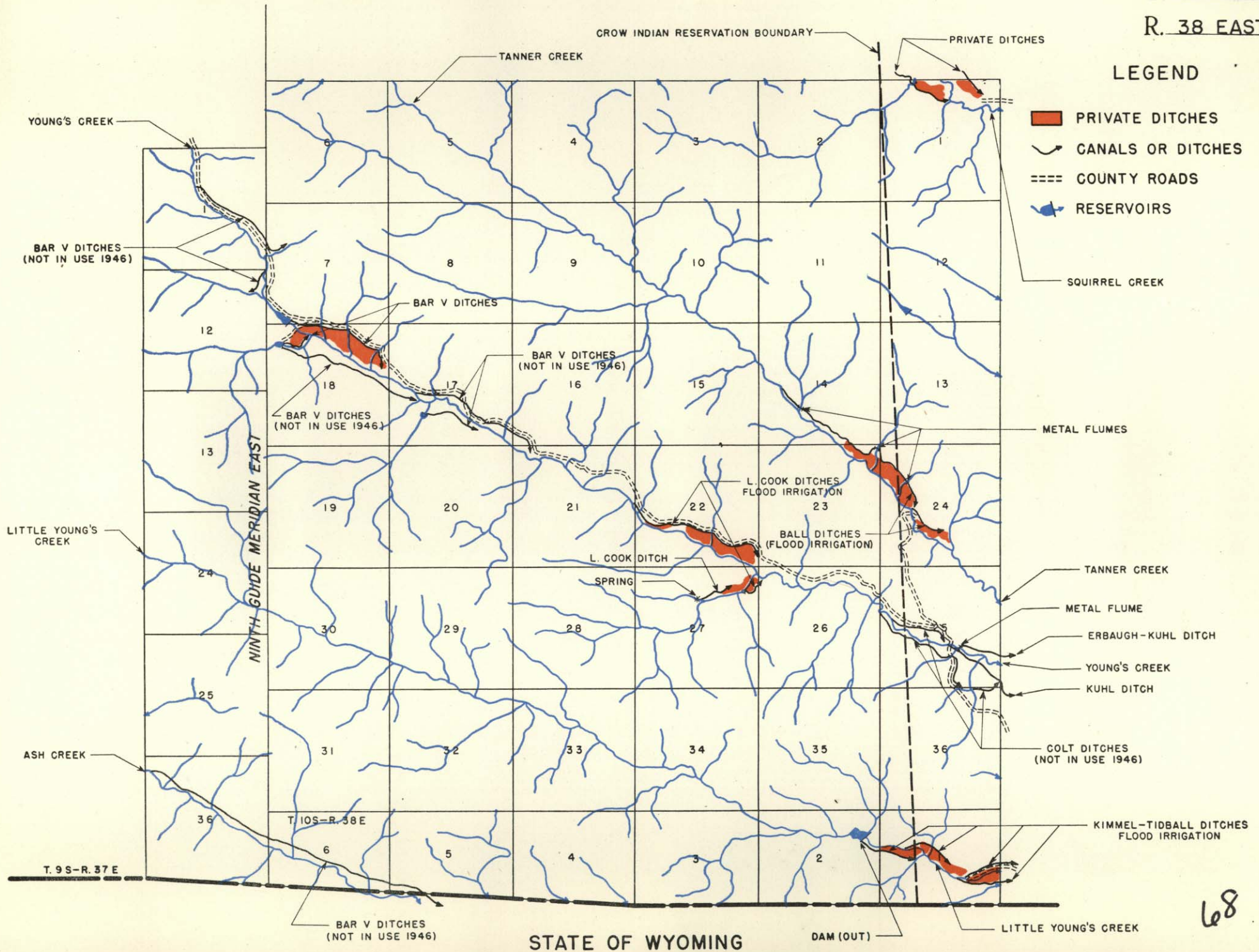
Township No. 9 SOUTH

Range No. 38 EAST

County BIG HORN

T. 9 SOUTH

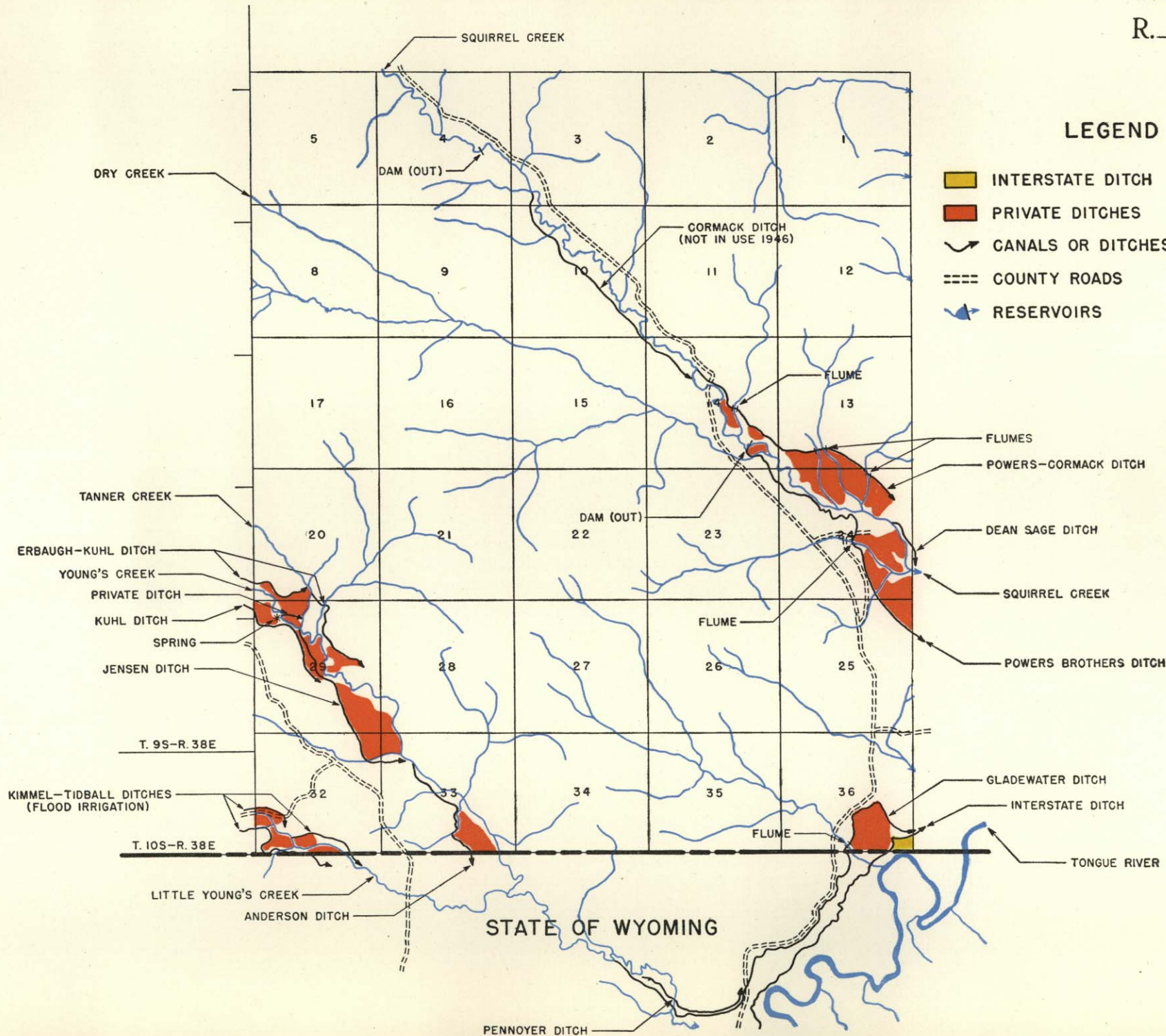
R. 38 EAST

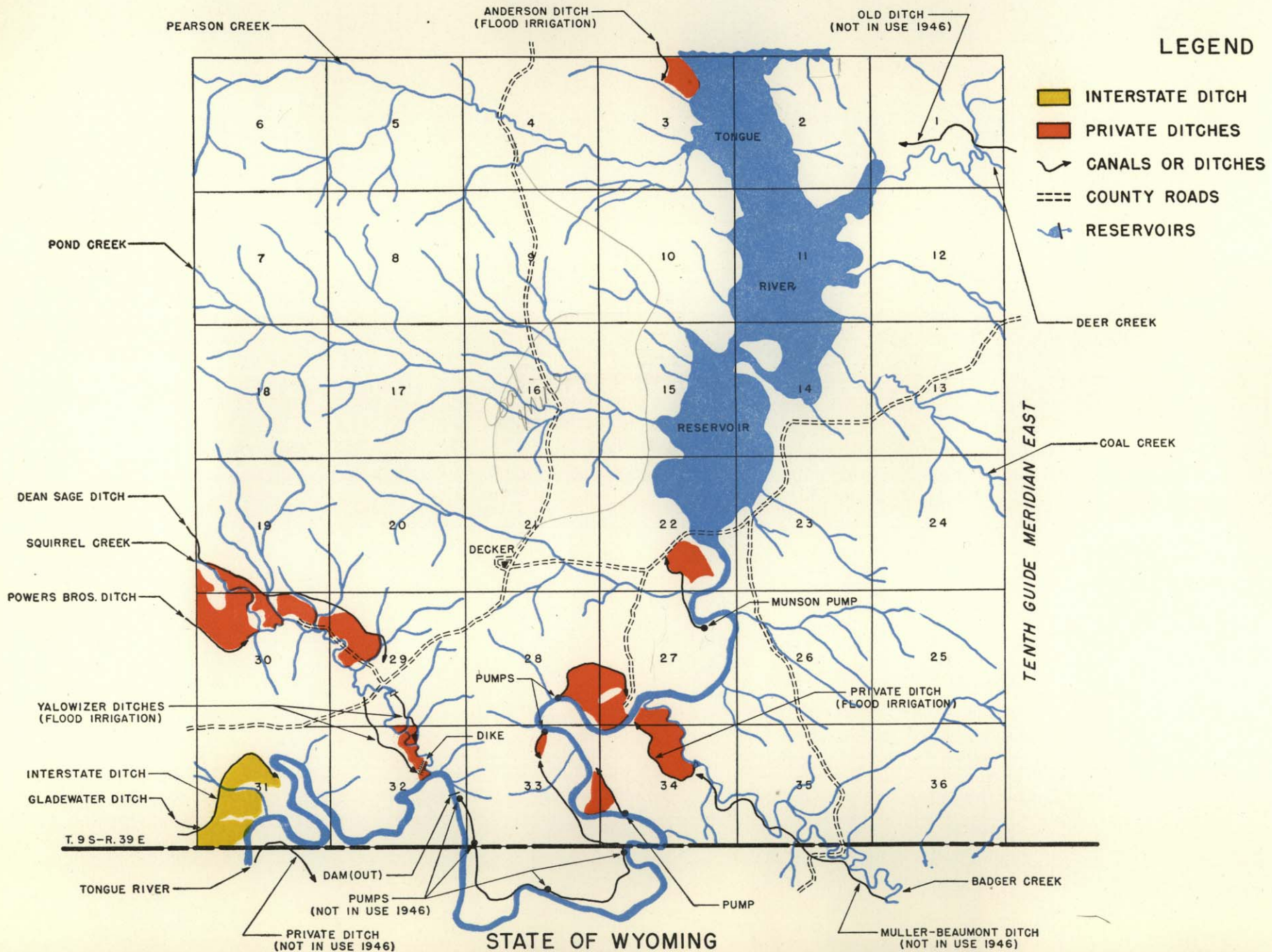


68

LEGEND

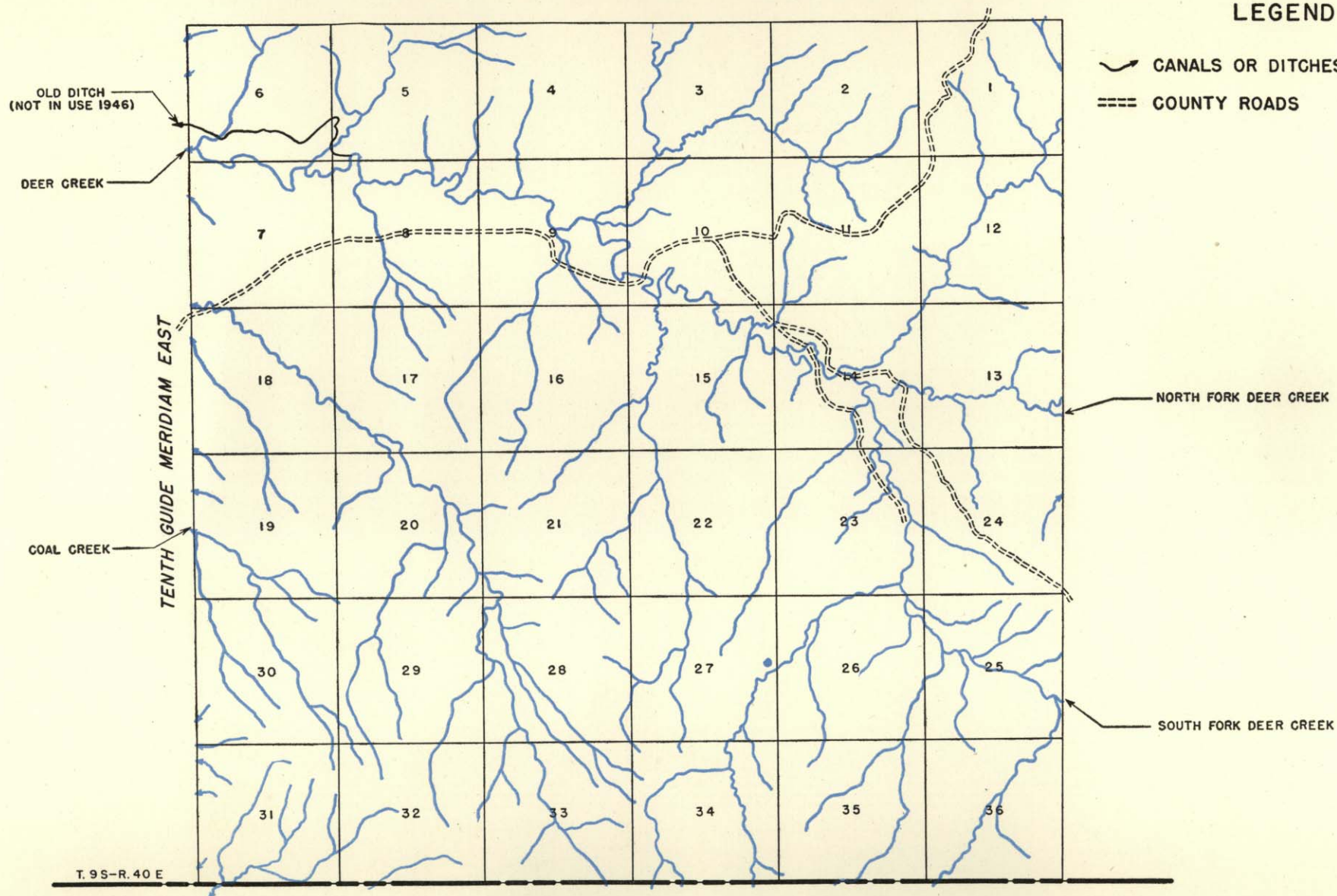
- INTERSTATE DITCH
- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS
- RESERVOIRS





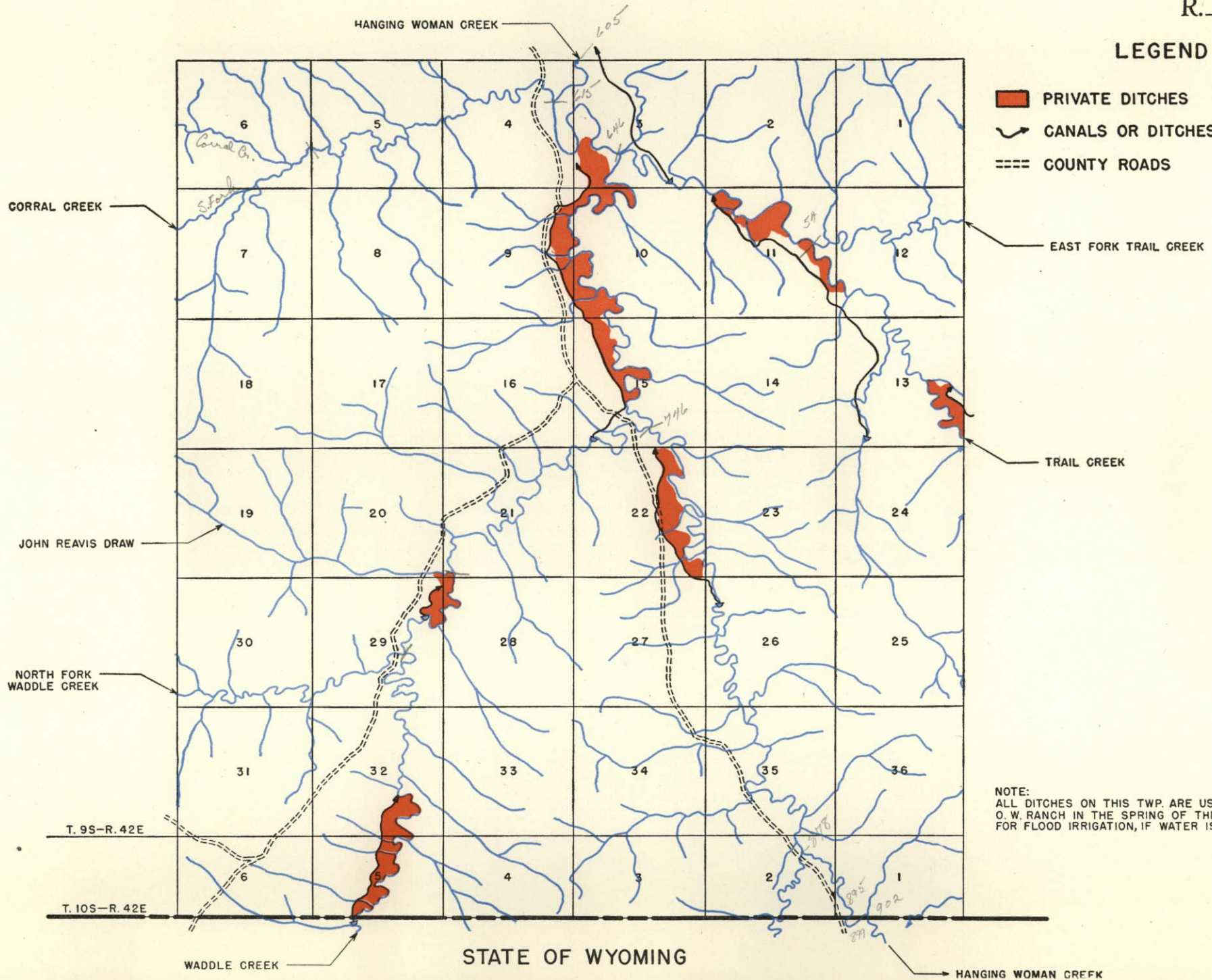
LEGEND

- ~ CANALS OR DITCHES
=== COUNTY ROADS



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- COUNTY ROADS



LEGEND

- PRIVATE DITCHES
- CANALS OR DITCHES
- RESERVOIRS

